

AD-A159 837

MCENTIRE ANGB SOUTH CAROLINA/COLUMBIA LIMITED SURFACE
OBSERVATIONS CLIMAT... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84

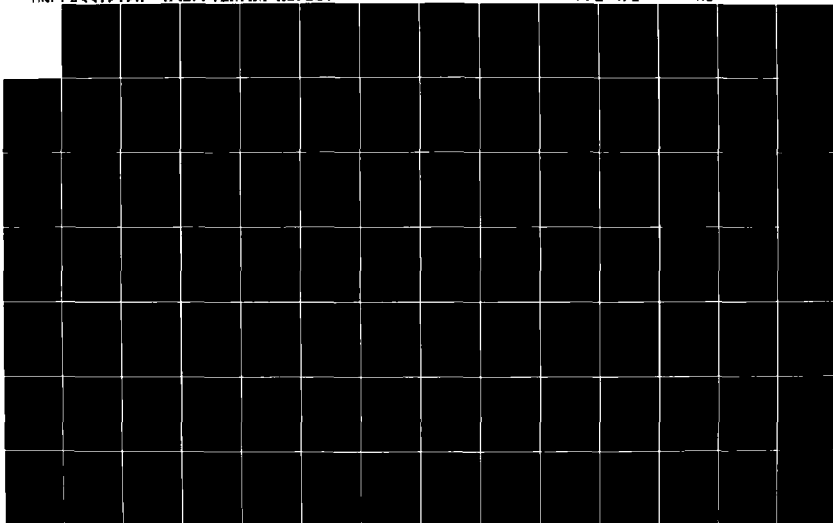
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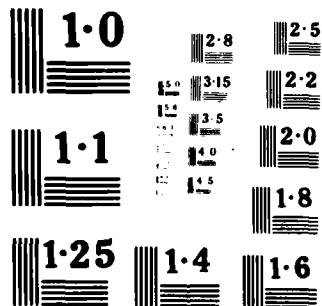
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USAFETAC/DS-A4/041

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REVIEW AND APPROVAL STATEMENT

I have reviewed the information provided in the above referenced document and find it to be accurate and complete. I have also reviewed the information provided in the above referenced document and find it to be accurate and complete.

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Wayne E. McCallister

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SECURITY CLASSIFICATION OF THIS PAGE

AD-A159637**REPORT DOCUMENTATION PAGE**

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FIELD	GROUP	SUB GROUP	*climatology *weather Meteorological conditions (continued over)		
04	02				
19 ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: MCENTIRE ANGB SOUTH CAROLINA This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-8 001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.					
20 DISTRIBUTION/AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS			21 ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b TELEPHONE (Include Area Code) (618) 256-2625		22c OFFICE SYMBOL USAFETAC/LDD

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83 APR edition may be used until exhausted
All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

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18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling

Limited Surface Observations Climatic Summary
LISOCs

MCENTIRE ANGB SOUTH CAROLINA

COLUMBIA SOUTH CAROLINA

CONGAREE AGB

EASTOVER SOUTH CAROLINA

USSC 723105

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



A-1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
723105	MCENTIRE AGB SC/EASTOVER	N 33 55	W 080 48	251	MMT	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARD.	
1	Longaree AGB Eastover SC	AGB	Mar 59	Sep 61	N 33 55	W 080 48	251	None	1-24
2	Same	Same	Oct 61	Oct 61	Same	Same	Same	243	10-24
3	McEntire AGB SC	Same	Nov 61	24 Nov 61	Same	Same	Same	Same	10-24
4	Stn. deactivated 24 Nov 61 and activated 5 Sep 62	Same	24 Nov 61	4 Sep 62	N/A	N/A	N/A	N/A	N/A
5	McEntire AGB SC	AGB	5 Sep 62	Feb 64	N 33 55	W 080 48	251	261	24
6	Same	Same	Mar 64	Feb 69	Same	Same	Same	296	24
7	Same	Same	Mar 69	Dec 74	Same	Same	Same	244	24
8	Same	Same	Jan 75	Feb 77	Same	Same	Same	244	Mon-Fri
9	Same	Same	Feb 77	Dec 83	Same	Same	Same	241	Sat-Sun

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 59	Located on top of hangar	Selsyn	None	100 ft	RO-362 Relocated to Operations Bldg #249 Room 135 Feb 77.
2	Feb 61	Located 175 ft from Base Operations	AN/GMQ-1A	ML-204A	10 ft	
3	24 Nov 61	Station deactivated.				
4	5 Sep 62	Located on roof of Base Operations	TMQ-2	ML204B	32 ft	
5	Mar 64	Located 400 ft N of control tower, 125 ft from Taxi Strip.	AN/GMQ-1	Same	11 ft	
6	Feb 67	Located 1100 ft from end of runway 31, and 700 ft SW of centerline of runway.	AN/GMQ-1	None	13 ft	
7	Mar 69	Located 775 ft SW from centerline, 975 ft from end of runway 31.	Same	RO-362	Same	
8	Dec 70	Same	Same	Same	Same	

NUMBER OF ACTION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
3	Feb 77	Located approx 1000 ft SW from centerline, approx 2000 ft from end runway 32.	Same	RO-362	5 ft	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

1
 1. STATION NAME
 2. LOCATION
 3. ELEVATION

WEATHER CONDITIONS

STATION

STATION NAME

75-84

YEARS

MONTH

1. STATE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
			1.0	.0	1.1		12.0	23.6	3.7			27.0	282
	-11		10.0	.7	.0		11.0	21.6	4.7			22.0	237
	1-14		11.0	.2	.0		13.1	10.2	3.6			17.0	184
	1-15		7.7	.2	.0		9.3	1.3	4.6			16.0	161
	1-20		0.0		1.1		11.0	12.9	2.3			14.0	148
	1-25		11.2		.0		11.0	13.5	1.7			14.0	148
TOTALS			1.0	.0	.0		11.4	17.3	3.3			12.0	4673

1. STATION NUMBER
2. STATION NAME

WEATHER CONDITIONS

STATION NUMBER: 71-44 STATION NAME: YEARS: MONTH:

3. STATE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	0-02												
	03												
	04		1.0		1.0		10.0	20.0	1.0			1.0	4.0
	05		1.0	1.0	1.0	1.0	10.0	17.0	5.0			1.0	24.0
	06	1.0	1.0		1.0	1.0	11.0	11.0	2.0			1.0	16.0
	07	1.0	1.0		1.0	1.0	10.0	10.0	2.0			1.0	16.0
	08	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	09	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	10	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	11	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	12	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	13	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	14	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	15	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	16	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	17	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	18	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	19	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	20	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	21	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	22	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	23	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	24	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	25	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	26	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	27	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	28	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	29	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	30	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	31	1.0	1.0		1.0	1.0	10.0	11.0	2.0			1.0	16.0
	TOTALS	31.0	31.0	31.0	31.0	31.0	10.0	11.0	2.0			1.0	42.7

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

STATEMENT OF OCCURRENCE OF WEATHER
FROM MONTHLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
			.7		.		.2	25.1	7.1			11.1	506
			1.0	.1	.4	.	11.0	14.1	7.1			19.1	221
	1-15	.	2.3		.	.1	2.5	7.5	4.3			11.1	227
		1.5	7.8		.		.2	6.7	3.2		.2	1.1	261
		.	3.2		.		4.0	5.3	2.0		.3	11.1	747
	1-23	.6	7.5		.1		2.5	2.5	1.2			11.1	624
TOTALS			9.5	.	.4	.1	2.6	12.0	4.1		.1	15.1	47.5

WEATHER CONDITIONS

STATION

STATION NAME

1999

YEARS

MONTH

TABLE PRESENTATION OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS[illegible]

WEATHER CONDITIONS

STATION USAFETAC STATION NAME 71-34 YEARS 1954 MONTH 11

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	0-23												
	1-11	.1	3.7				3.7	3.9	1.1			1.1	527
	1-11	.1	4.2				4.3	5.4	12.1			17.1	512
	1-11	.7	5.6				6.3	6.5	9.1			15.7	500
	1-11	.2	3.8				4.0	3.5	7.1			10.6	792
	1-23	.4	7.2				7.6	4.8	6.1			11.1	712
	1-23	4.5	5.7				9.2	5.6	5.4			15.1	841
TOTALS		.3	5.6				6.2	5.6	10.2			16.4	412

WEATHER CONDITIONS

STATION 74-27 STATION NAME 74-27 YEARS 1964 MONTH 1964

UNITED STATES DEPARTMENT OF COMMERCE
NATIONAL WEATHER SERVICE

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	1-24												
	1-24												
	1-24	0.4	0.4				0.4	30.0	7.0			47.0	1.0
	1-24	0.1	0.1				0.2	4.0	11.0			21.0	1.0
	1-24	0.0	0.1				0.1	1.0	12.0			13.0	0.5
	1-24	7.7	0.1				0.1	1.0	11.0			14.0	0.5
	1-24	7.0	7.0				7.0	4.0	12.0			11.0	7.0
	1-24	0.0	0.1				0.0	3.0	1.0			1.0	4.0
TOTALS		0.0	0.4				0.4	7.0	15.0			21.0	48.0

THE UNIVERSITY OF CHICAGO

STATION	STATION NAME	YEARS	MONTH
		74-5	11

1. C. TALLER, F. C. BOY, JR. OCCURRENCE OF HEAVY METALS
IN MINING AND HOBBY DRESSING

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	-												
FEB	-												
MAR	-	.7	3.1				6.0	2.2	1.0			1.0	10
APR	1-11	.1	3.9				7.0	4.6	2.0			1.4	81
MAY	1-1	1.7	4.1				4.1	1.3	2.0			1.0	61
JUN	1-1	19.2	1.0				7.0	2.5	12.0			27.0	11
JUL	1-2	1.2	7.3				7.3	4.7	12.0			1.0	71
AUG	1-2	2.6	3.2				5.0	3.8	14.4			2.4	61
SEPT													
OCT													
NOV													
DEC													
TOTALS		.1	6.4				6.4	6.4	27.9			31.1	475

WEATHER CONDITIONS

STATION 74-52 STATION NAME 74-52 YEARS 74-52 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	1-0												
	1-1												
	1-2	0.4	2.0				2.0	40.7	9.0			51.0	17
	1-3	0.4	2.0				2.0	4.0	70.0			7.0	23
	1-4	0.4	3.0				2.0	1.3	16.0			18.0	53
	1-5	10.0	2.0				2.0	2.4	17.1			19.0	54
	1-6	1.0	2.0				2.0	4.4	19.3			23.0	71
	1-7	4.0	1.0				2.0	2.0	12.0			14.0	50
TOTALS		0.5	4.0				4.0	11.5	2.0			25.0	40

10-10-5(OL A)
 T.O.
 10-10-5(OL A)

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

10-10-5(OL A)
 T.O.
 10-10-5(OL A)

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	0-5												
	6-10												
	11-15	0.2	1.4				7.2	11.3	1.2			6.7	47
	16-20	0.1	7.4				7.4	11.4	1.5			24.1	391
	21-25	1.2	7.0				7.0	3.9	11.0			15.4	40
	26-30	3.4	0.2				3.2	3.7	12.2			13.2	727
	31-35	7.4	6.3				6.3	6.3	11.9			17.2	741
	36-40	2.2	7.1				7.1	9.4	9.6			1.5	427
	41-45												
	46-50												
	51-55												
	56-60												
	61-65												
	66-70												
	71-75												
	76-80												
	81-85												
	86-90												
	91-95												
	96-100												
TOTALS		1.0	7.8				7.2	14.4	12.4			25.2	4543

1. THE PROBLEM

CONTINUED FROM PAGE 10 OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS.

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

1. INTRODUCTION
TO
STATION DATA

WEATHER CONDITIONS

STATION CENTRAL AIRCRAFT STATION NAME 74-11 YEARS 1951 MONTH 1951

TABLE F. PERCENTAGE OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATION

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	1-24												
	1-24												
	1-24	.2	3.1		.2		3.1	3.2	4.4			10.9	547
	1-24	.2	.1				3.1	1.2	2.2			7.1	207
	1-24	.1	7.2				7.3	6.3	4.4			17.7	565
	1-24		6.2				6.2	6.3	2.2			14.7	207
	1-24	.7	7.4				7.4	9.7	3.4			12.2	725
	1-24	.7	3.2				4.1	11.4	1.2			14.1	185
TOTALS		.8	7.2		.2		7.6	13.2	4.4			14.7	4527

100-443887-100

MONTH

MONTH	HOURS LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	-01	.											
	-02	.											
	-03	.4	11.9				11.9	24.6	2.8			74.9	838
	-11	.1	12.1				12.1	17.8	4.2			21.9	837
	1 -14	.	1.9				1.9	10.7	2.4			13.9	838
	1 -19	.3	2.7				2.7	11.4	1.5			12.9	770
	1 -24	.1	12.1				12.1	12.8	1.2			13.9	711
	1 -27	.	2.3				2.3	14.5	1.5			12.9	802
TOTALS		.	1.9				1.9	15.3	2.3			17.9	977

WEATHER CONDITIONS

STATION

STATION NAME

٢٤ - ٢٤

YEARS

MONTH

TABLE 1. PERCENTAGE OF OCCURRENCE OF WEATHER
CONDITIONS FOR HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1	11		1.2	.2	.2		11.4	17.3	3.3			1.2	4576
2		.4	1.2	.2	.4	.2	10.3	14.4	3.6		.7	18.1	4527
3		.5	2.3	.4	.4	.1	9.6	16.5	4.3		.1	12.0	4725
4		1.1	.2				6.6	3.7	3.3		.2	11.0	4521
5		.3	6.2				2.2	9.6	10.2			12.3	4611
6		.2	3.4				4.4	7.5	12.0			22.4	4622
7		.1	3.4				3.4	3.4	27.9			20.1	4735
8		.5	4.2				4.6	11.5	21.8			24.3	4522
9		1.1	7.3				7.1	14.4	13.4			22.6	4644
10		.4	2.1				3.5	9.2	4.9			13.0	4732
11		.3	1.5		.1		7.6	13.2	4.4			14.7	4627
12		.4	1.2				10.1	15.3	2.3			17.2	4374
TOTALS		1.0	7.4	.1	.2	.1	7.9	11.9	9.4		.1	20.0	4527

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.1	1.2	1.1									1.1
NNE	1.1	1.7	1.1	.4								1.1
NE	1.1	1.6	.5									1.1
ENE	.7	1.4										1.1
E	.5	1.1	.5									1.1
ESE	.	.4										1.1
SE	.	.4	.5									1.1
SSE	.	.2										1.1
S	.		.5									1.1
SSW	.	.2	.									1.1
SW	.	1.1	.									1.1
WSW	1.1	2.3	.5	.4	.2							1.1
W	1.1	2.1	1.1	.2	.2							1.1
WNW	1.1	2.7	1.1	.4								1.1
NW	1.1	.6	.4	.2								1.1
NNW	.7	.2	.4									1.1
VARBL												
CALM												
	21.7	20.3	2.5	1.5	.4							

TOTAL NUMBER OF OBSERVATIONS _____

U.S. CLIMATE BUREAU
 WASHINGTON, D.C.
 FORM 10-1 (REV. 10-60)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS _____
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	1.0								2.0	2.0
NNE	1.0	2.0	1.0	1.0								2.0	2.0
NE	1.0	2.0	1.0	1.0								2.0	2.0
ENE	1.0	2.0	1.0	1.0								2.0	2.0
E	1.0	2.0	1.0	1.0								2.0	2.0
ESE	1.0	2.0	1.0	1.0								2.0	2.0
SE	1.0	2.0	1.0	1.0								2.0	2.0
SSE	1.0	2.0	1.0	1.0								2.0	2.0
S	1.0	2.0	1.0	1.0								2.0	2.0
SSW	1.0	2.0	1.0	1.0								2.0	2.0
SW	1.0	2.0	1.0	1.0								2.0	2.0
WSW	1.0	2.0	1.0	1.0								2.0	2.0
W	1.0	2.0	1.0	1.0								2.0	2.0
WNW	1.0	2.0	1.0	1.0								2.0	2.0
NW	1.0	2.0	1.0	1.0								2.0	2.0
NNW	1.0	2.0	1.0	1.0								2.0	2.0
VARBL													
CALM													
	23.7	37.7	41.2	3.5	1.0	1.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS _____ 27

AL CLIMATELOG BRANCH
TAC
A. WEATHER SERVICE 7740

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-34 STATION NAME ALL CAPTED YEARS 1952-1977 MONTH 1-12
CLASS ALL CAPTED
CONDITION ALL CAPTED

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	3.2	1.7								3.4	5.7
NNE	1.1	1.4	2.3									3.7	5.7
NE	1.1	2.1	1.5	1.1								4.2	5.7
ENE	1.1	1.1	1.1									4.1	5.2
E	2.1	2.1	1.1									4.1	4.1
ESE	2.1	1.4	1.1									3.1	3.4
SE	1.1	1.1	1.1	1.1								3.3	4.2
SSE	1.1	1.1	1.1									3.2	3.7
S	1.1	1.1	1.1	1.1	1.1							3.7	3.4
SSW	1.1	1.1	1.1	1.1	1.1							3.2	3.2
SW	1.1	2.1	1.4	1.1								3.2	3.5
WSW	1.1	2.1	1.4	1.1								3.2	3.3
W	1.1	2.1	1.4	1.1		1.1						14.1	3.3
WNW	1.1	2.1	1.4	1.1								3.2	7.1
NW	1.1	1.1	1.1	1.1								3.2	3.5
NNW	1.1	1.1	1.1	1.1								4.2	3.2
VARBL													
CALM												7.4	
	2.1	3.4	3.1	1.5	1.1	1.1						1.1	5.7

TOTAL NUMBER OF OBSERVATIONS 334

AL CLIMATELOGY - HANDBOOK
 1-10
 1-10 SERVICE/140

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ 75-4 _____ YEARS _____ JAN _____ MONTH _____
 CLASS _____ 1-17-17 _____ HOURS (LST) _____
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	2.0	.4								4.0	6.0
NNE	.2	1.7	1.0									4.0	5.0
NE	.2	2.0	.1	.1								4.0	5.0
ENE	.2	2.0	.1	.1								4.0	4.4
E	.2	2.0	.1									4.0	3.0
ESE	1.0	1.4	.1									3.0	3.7
SE	.1	1.7	.1									3.0	4.0
SSE	1.0	1.6	.1									3.0	4.0
S	1.0	.1	.1	.5								3.0	2.0
SSW	.1	1.3	.1									3.0	4.0
SW	.1	2.3	.1	.4								3.0	6.4
WSW	.1	2.3	2.5	1.1								7.0	7.0
W	.1	4.0	5.0	1.3	.5							12.0	7.4
WNW	1.0	2.0	4.0	1.6								12.0	7.0
NW	.1	2.3	1.0	.1								4.0	6.0
NNW	1.0	2.4	1.0	.1								3.0	5.0
VARBL													
CALM												1.0	
	1.0	63.1	26.0	4.0	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS _____ 632

1. ALBUQUERQUE, N.M.
2. 1953-54
3. 1953-54

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE, N.M. STATION NAME 75-14 YEARS 1953-54
CLASS ALL WEATHER MONTH JAN
CONDITION 1953-54 HOURS (LST) 0-23

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.0	1.1									0.1	4.3
NNE	1.0	0.5	0.7									0.1	4.3
NE	1.0	1.1	0.7	0.1								0.1	4.3
ENE	1.0	0.7	0.7	0.1								0.1	4.3
E	1.0	0.7	0.7									0.1	2.4
ESE	0.5	0.5	0.1									0.1	3.0
SE	0.5	0.5	0.1									1.0	3.0
SSE	0.5	0.2	0.1									0.1	4.0
S	0.5	0.5	0.7	0.4								0.1	5.2
SSW	0.5	1.4	0.7									0.1	4.4
SW	1.0	0.8	0.7	0.1								0.1	4.5
WSW	1.0	1.0	0.4	0.1								0.1	3.4
W	1.1	4.0	0.7	1.6								11.0	5.9
WNW	1.0	1.0	0.5	0.7								4.0	5.0
NW	1.1	0.5	0.1									1.0	3.3
NNW	1.0	0.7										0.1	3.1
VARBL													
CALM												4.0	
	2.2	1.4	0.2	0.1								1.0	2.5

TOTAL NUMBER OF OBSERVATIONS 738

U.S. AIR FORCE CLIMATE DIVISION
 1215
 1215

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1215 CLIMATE DIVISION 1215 YEARS 75-79

STATION NAME ALL WEATHER CLASS ALL WEATHER

CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.1	1.7	.7	.1								1.0
NNE	.1	1.1	.7	.7								1.0
NE	1.1	1.1	.7	.7								1.0
ENE	.7	1.7	.7									1.0
E	.1	.4	.1									1.0
ESE	.7	.4										1.0
SE	.7	.7										1.0
SSE	.7	.7	.7									1.0
S	.7	.7	.7	.1								1.0
SSW	.7	.7	.7	.7								1.0
SW	1.1	1.1	1.1									1.0
WSW	.7	1.4	.7									1.0
W	.7	3.6	2.4	.7								1.0
WNW	.7	1.4	1.4	.7								1.0
NW	.7	.7	.4	.1								1.0
NNW	.7	1.0		.7								1.0
VARBL												1.0
CALM												1.0
	21.2	16.0	10.0	0.6								

TOTAL NUMBER OF OBSERVATIONS 754

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-14 STATION NAME ALLIANCE YEARS 1951 MONTH JUL

CLASS ALL HOURS (LST) ALL

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N												2.1	5.8
NNE												2.1	5.8
NE												4.7	5.8
ENE												3.4	4.6
E												4.7	3.9
ESE												2.7	3.5
SE												2.7	4.0
SSE												2.1	3.5
S												2.1	5.0
SSW												2.1	5.0
SW												4.7	3.5
WSW												5.2	5.2
W												1.1	7.0
WNW												2.0	5.1
NW												2.1	5.5
NNW												2.2	4.9
VARBL													
CAIM												7.5	

TOTAL NUMBER OF OBSERVATIONS 4576

AL CLIMATOLOGY BRANCH

STAC

STATION SERVICE DATA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS _____

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

USAFETAC FORM 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALCANTARA, ANCH
 1000
 AIRPORT SERVICE ROAD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1000 STATION NAME ALCANTARA, ANCH YEARS 75-79 MONTH FEB
 CLASS ALL DATA
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	7.4	.4	.1							2.1	7.2
NNE	.	2.6	1.7									4.3	6.1
NE	.1	2.7	1.7	.4								4.2	6.2
ENE	.	1.7	1.7	.1								4.2	6.3
E	.2	.7	1.7	.1								.	5.3
ESE	1.1	1.	.1	.1								2.2	4.5
SE	.	1.3	1.1	.2								2.2	5.4
SSE	.	2.7	.7	.4								5.2	5.3
S	1.	1.	1.	.1								5.2	5.4
SSW	1.3	1.	1.	.1								4.1	5.8
SW	.7	2.3	7.4	.5								5.7	7.2
WSW	1.	7.7	4.7	1.1								7.5	7.1
W	1.1	3.	4.4	7.3								12.5	6.1
WNW	.7	2.7	2.7	.3								7.5	7.1
NW	.	1.7	1.7	.3								4.5	7.2
NNW	.	1.7	1.3	.6								3.5	7.3
VARBL													
CALM												1.5	
	1.4	35.6	34.5	1.1	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 624

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-1-54	STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER		1953-1954
		CLASS		HOURS (L & Y)
		CONDITION		

[illegible]TOTAL NUMBER OF OBSERVATIONS 772

ALL INFORMATION CONTAINED

HEREIN IS UNCLASSIFIED

DATE 10-01-2001 BY SP-1000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-64 STATION NAME ALL HAT-02 YEARS 1950-55 MONTH 1-5-2-05
CLASS ALL HAT-02 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	0.4	0.1								1.4	3.5
NNE	1.0	1.0	0.6	0.1								2.0	5.1
NE	1.0	1.0	0.7									2.0	4.5
ENE	1.0	0.7	0.6									2.0	4.0
E	1.0	0.7	0.4									2.0	3.6
ESE	1.0	0.7	0.1									2.0	3.1
SE	1.0	0.1	0.7	0.1								2.0	5.1
SSE	0.7	1.2	0.7	0.4								2.0	7.2
S	2.0	1.2	0.7	0.3								2.0	4.1
SSW	1.1	2.0	0.6	0.1								2.0	4.2
SW	1.0	1.7	1.6									2.0	5.0
WSW	1.0	1.0	0.6	0.1								2.0	4.9
W	2.0	2.4	1.0	1.0								2.0	6.6
WNW	1.0	0.6	1.0	0.4								2.0	6.4
NW	0.7	0.7	0.6	0.7								2.0	6.7
NNW	0.7	1.0	1.0									2.0	5.7
VARBL													
CALM												4.0	
	27.2	1.5	12.0	4.1								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 67

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2-1-1 STATION NAME NAVY AIRCRAFT YEARS 1953-54 MONTH SEP

CLASS 1-1 HOURS (LST) 1-2-3-4-5-6-7-8-9-10-11-12

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0									3.0	4.3
NNE	1.0	1.0	1.0	1.0								4.1	3.0
NE	1.0	1.0	1.0	1.0								4.1	4.6
ENE	1.0	1.0	1.0	1.0								2.2	5.4
E	1.0	1.0	1.0	1.0								2.2	3.0
ESE	1.0	1.0	1.0	1.0								2.7	3.2
SE	1.0	1.0	1.0	1.0								1.0	4.1
SSE	1.0	1.0	1.0	1.0								1.0	4.1
S	1.0	1.0	1.0	1.0								1.0	5.5
SSW	1.0	1.0	1.0	1.0								1.0	3.5
SW	1.0	1.0	1.0	1.0								1.0	3.5
WSW	1.0	1.0	1.0	1.0								2.4	5.7
W	1.0	1.0	1.0	1.0								7.0	6.7
WNW	1.0	1.0	1.0	1.0								3.0	6.0
NW	1.0	1.0	1.0	1.0								2.4	5.5
NNW	1.0	1.0	1.0	1.0								1.0	3.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 623

ATMOSPHERIC PHYSICS
 1000
 1000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1000 STATION NAME 1000 YEARS 1000

CLASS 1000

CONDITION 1000

MO. 1000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥	%	MEAN WIND SPEED
N	1.0	1.7	1.0	.4	.1							1.0	1.0
NNE	1.0	1.7	1.0	.4	.1							1.0	1.0
NE	1.0	1.7	1.0	.4	.1							1.0	1.0
ENE	1.0	1.7	1.0	.4	.1							1.0	1.0
E	1.0	1.7	1.0	.4	.1							1.0	1.0
ESE	1.0	1.7	1.0	.4	.1							1.0	1.0
SE	1.0	1.7	1.0	.4	.1							1.0	1.0
SSE	1.0	1.7	1.0	.4	.1							1.0	1.0
S	1.0	1.7	1.0	.4	.1							1.0	1.0
SSW	1.0	1.7	1.0	.4	.1							1.0	1.0
SW	1.0	1.7	1.0	.4	.1							1.0	1.0
WSW	1.0	1.7	1.0	.4	.1							1.0	1.0
W	1.0	1.7	1.0	.4	.1							1.0	1.0
WNW	1.0	1.7	1.0	.4	.1							1.0	1.0
NW	1.0	1.7	1.0	.4	.1							1.0	1.0
NNW	1.0	1.7	1.0	.4	.1							1.0	1.0
VARBL													
CALM													
	1.0	27.1	23.5	5.0	.1							1.0	4.0

TOTAL NUMBER OF OBSERVATIONS 4217

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION	STATION NAME	YEARS	BIRTH
		CLASS	HOURS LEFT
		CONDITION	

[illegible]TOTAL NUMBER OF OBSERVATIONS 424

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALCORN TOLLY TRANC
 STAC
 AIR STATION - SERVICE AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MAP _____
 CLASS ALL - AT 100 MONTH 100-140
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	.1								0.5	6.0
NNE		1.1	1.3	.3								2.7	6.7
NE		1.1	1.7	.1								2.1	6.6
ENE		.4	.6									1.0	4.6
E	1.1	1.1	1.4	.2								4.8	5.0
ESE	1.1	1.1	1.4									4.6	5.0
SE		.4	1.7	.1								4.1	5.0
SSE	1.1	2.1	2.4	.1								6.5	5.9
S	1.1	1.7	3.4	.5								7.2	6.8
SSW		2.1	2.7	.2								5.5	6.3
SW		1.1	3.0	.5	.1							6.1	7.4
WSW		2.2	3.7	1.7								6.4	7.7
W		2.1	6.4	2.7								13.4	6.1
WNW		2.3	4.5	1.7	.2							8.7	7.7
NW		.5	2.7	.5								4.1	7.8
NNW		.1	1.7	.2								2.6	6.1
VARBL													
CALM													
	1.2	33.2	42.5	4.5	.4							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 37

NO. 1014101000-1000
 1014101000-1000
 1014101000-1000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS (LST) _____
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	1.0	.2	.1							4.0	6.0
NNE	.0	.0	1.0	.1								2.0	6.1
NE	.0	1.4	.7									2.0	5.6
ENE	.0	1.0	.0									2.0	4.6
E	.0	2.7	.0	.1								2.0	5.3
ESE	1.0	2.0	.0	.1								2.0	5.1
SE	.0	3.0	1.0	.2								2.0	5.7
SSE	1.0	2.0	1.0	.0								2.0	5.0
S	1.0	3.0	3.0	.3								2.0	6.0
SSW	1.0	2.0	2.0									2.0	5.0
SW	1.0	2.0	1.0	.0								2.0	6.0
WSW	1.0	2.0	2.1	.6								2.0	6.0
W	.0	2.0	5.0	3.0	.3							1.0	6.0
WNW	1.0	2.0	5.0	1.3								1.0	7.0
NW	.0	2.0	2.1	.2								1.0	7.0
NNW	.0	1.4	1.0	.1								2.0	6.0
VARBL													
CALM												4.0	
	1.4	34.2	36.4	7.0	.5							1.0	6.0

TOTAL NUMBER OF OBSERVATIONS _____

AD. ELINATLOU - HAVEL
 1. 107.0 SERVICE YEAR

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ 75-54 _____ YEARS _____ MONTH _____
 CLASS _____
 HOURS (LST) _____
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												3.2	4.4
NNE												1.0	4.2
NE												1.3	4.0
ENE	1.1	1.1	1.1	1.1								1.1	4.0
E		1.1	1.1	1.1								1.1	3.6
ESE		1.1	1.1	1.1								1.1	3.2
SE		1.1	1.1	1.1								1.1	3.2
SSE		1.1	1.1	1.1								1.1	3.2
S		1.1	1.1	1.1								1.1	3.2
SSW		1.1	1.1	1.1								1.1	3.2
SW		1.1	1.1	1.1								1.1	3.2
WSW		1.1	1.1	1.1								1.1	3.2
W		1.1	1.1	1.1								1.1	3.2
WNW		1.1	1.1	1.1								1.1	3.2
NW		1.1	1.1	1.1								1.1	3.2
NNW		1.1	1.1	1.1								1.1	3.2
VARBL													
CALM												34.0	
		22.2	22.2	2.4								1.1	3.2

TOTAL NUMBER OF OBSERVATIONS 747

U.S. AIR FORCE
 THE
 AIR FORCE SERVICE ACADEMY

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-14 STATION NAME ALL KETLER YEARS 75-76 MONTH 1-7-75
 CLASS ALL KETLER HOURS (LST) 1-7-75
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	.7	.1								1.9	4.4
NNE	.1	.1	.1									1.3	3.0
NE	.1	1.0	.1	.1								1.3	4.0
ENE	.1	1.0	.1									1.2	4.4
E	.1	1.0	.1									1.2	4.3
ESE	.1	1.0	.1									1.2	3.7
SE	.3	2.0	.1									2.4	3.6
SSE	1.0	1.0	.1									2.1	4.4
S	.1	4.5	1.0									5.6	4.9
SSW	1.0	.1	.1									1.2	3.7
SW	.1	.1	.1	.1								1.3	4.3
WSW	.1	1.0	.1	.1	.1							1.3	5.7
W	.1	1.2	1.0	.1								2.4	6.2
WNW	1.0	.1	.1	.1								1.3	6.2
NW	.1	1.0	.1	.1								1.3	6.1
NNW	.1	1.0	1.0	.1								2.2	5.0
VARBL													
CALM													
	23.7	22.7	1.5	2.2	.1							1.1	2.0

TOTAL NUMBER OF OBSERVATIONS 104

U.S. CLIMATE DIVISION
 WASHINGTON, D.C.
 FORM 10-1 (REV. 1-64)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2-1-1 STATION NAME WINDING RIVER YEARS 7-5-54 HOURS 4 A.M. TO 11 P.M.

CLASS ALL

CONDITION ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	.2	.	.	.	.	.	.	.	4.0	5.7
NNE	.	1.0	1.1	.2	.	.	.	.	.	.	.	2.0	5.0
NE	1.0	1.7	1.1	.1	.	.	.	.	.	.	.	2.0	5.5
ENE	1.0	1.0	.5	.7	.	.	.	.	.	.	.	2.0	4.9
E	1.0	.5	1.1	.1	.	.	.	.	.	.	.	2.0	4.5
ESE	1.0	1.0	.5	.7	.	.	.	.	.	.	.	4.0	4.0
SE	1.0	1.0	.5	.2	.	.	.	.	.	.	.	4.0	5.1
SSE	1.0	1.0	1.0	.2	.	.	.	.	.	.	.	4.0	5.5
S	1.0	2.0	2.3	.3	.	.	.	.	.	.	.	7.0	5.7
SSW	1.0	1.0	1.5	.1	.	.	.	.	.	.	.	4.0	5.0
SW	1.0	1.0	2.3	.7	.5	.	.	.	.	.	.	5.0	5.2
WSW	1.0	1.0	2.1	.7	.	.	.	.	.	.	.	5.0	6.7
W	1.0	2.0	2.4	1.7	.1	.	.	.	.	.	.	2.7	7.5
WNW	1.0	1.0	2.4	.7	.1	.	.	.	.	.	.	2.3	7.1
NW	.	1.1	1.0	.4	.	.	.	.	.	.	.	2.0	6.6
NNW	1.0	1.0	1.4	.2	.5	.	.	.	.	.	.	4.0	6.1
VARBL													
CALM												1.0	
	2.4	2.4	2.5	.4	.5							1.0	4.5

TOTAL NUMBER OF OBSERVATIONS 4725

U.S. AIR FORCE
METAC
1. METAC SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10 STATION NAME CONRAD AFB YEARS 75-76 MONTH APR
CLASS ALL WEATHER HOURS (LST) 1-2000
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.5	.2								1.1	3.2
NNE	.2	.2	1.7	.2								1.7	6.6
NE	.2	2.6	1.7									2.2	5.6
ENE	1.2	2.6	1.7									4.3	5.3
E	.2	2.6	.7	.2								2.6	4.7
ESE	1.7	.7	.2									2.2	2.2
SE	.2	1.5	.2									1.2	4.6
SSE		.2		.2								1.2	3.7
S	.2	2.4	.7	.2								3.2	4.2
SSW	.2	1.7	.5									2.2	4.2
SW	.2	2.6	1.7									2.2	4.2
WSW	1.2	1.0	.2									2.2	4.4
W	2.4	2.6	1.7	.2	.2							4.2	5.6
WNW	1.7	2.6	.2									4.2	4.3
NW	.2	1.2	.7	.2								2.6	4.2
NNW	.2	.7	.2	.2								1.2	5.1
VARBL													
CALM												2.4	
	21.1	27.7	12.2	1.7	.2							1.1	3.2

TOTAL NUMBER OF OBSERVATIONS 526

1. STATION NAME
2. DATE - SERVICE AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 75-34 YEARS: 1950-1951
CLASS: ALL WEATHER
CONDITION:
HOURS: 1151

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	1.7	.2								4.0	6.4
NNE		1.5	2.4	.4								4.4	7.4
NE		1.5	1.4									3.0	3.0
ENE		2.7	2.7	.1								5.4	5.4
E	.3	3.2	2.6	.1								6.2	6.2
ESE	1.7	1.5	1.5	.2								5.1	5.1
SE		2.5	1.1	.6								4.2	4.2
SSE	1.5	2.5	.5									4.5	4.5
S	.1	2.3	2.4	.1	.1							5.0	5.0
SSW		1.7	2.7	.4								4.8	4.8
SW	1.5	2.2	2.7	1.7								7.1	7.1
WSW	1.5	2.6	2.8	.3								5.2	5.2
W		4.4	5.7	1.2	.1							11.4	11.4
WNW	1.7	1.5	2.4	.2	.1							5.9	5.9
NW		1.7	2.1	.2	.1							4.7	4.7
NNW	.2	.5	2.7	.1								3.5	3.5
VARBL													7.7
CALM													
	1.0	34.3	35.2	5.3	.4							77.2	77.2

TOTAL NUMBER OF OBSERVATIONS

4000 INCHES

1000

1000 INCHES

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-14 STATION NAME ALL ATHER YEARS 1950-1970 MONTH 1-12

CLASS ALL ATHER HOURS (L & T) 1-12

CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.1	.2								0.4	0.6
NNE			.7	.5								0.2	0.2
NE			.7									0.2	0.2
ENE		1.0	.5									0.2	0.2
E	1.0	.5	1.0									0.2	0.2
ESE	1.0	1.0	1.0									0.2	0.2
SE		.5	1.0	.1								0.2	0.2
SSE		.5	.7	.1								0.2	0.2
S		.5	.7	.2								0.2	0.2
SSW	1.0	.5	.5	.2								0.2	0.2
SW	1.0	.5	.7	.7								0.2	0.2
WSW		.5	.7	1.4								0.2	0.2
W	1.0	.5	.5	.2								0.2	0.2
WNW		.5	.7	1.3								0.2	0.2
NW		.5	.7	.5								0.2	0.2
NNW		1.0	1.7									0.2	0.2
VARBL													
CALM												0.7	

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE CLIMATE DIVISION
 STATION
 AIR FORCE SERVICE NO.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-1 STATION NAME 75-1 YEARS 1961-1962 MONTH APR
 CLASS ALL DATA
 HOURS (LST) 00-24
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.1									1.1	5.1
NNE	1.1	1.1	1.1	.7								1.1	4.1
NE	1.1	1.1	1.1									1.1	4.1
ENE	1.1	1.1	1.1									1.1	4.1
E	1.1	1.1	1.1									1.1	4.1
ESE	1.1	1.1	1.1									1.1	4.1
SE	1.1	1.1	1.1									1.1	4.1
SSE	1.1	1.1	1.1	.1								1.1	4.1
S	1.1	1.1	1.1	1.1								1.1	4.1
SSW	1.1	1.1	1.1									1.1	4.1
SW	1.1	1.1	1.1	.1								1.1	4.1
WSW	1.1	1.1	1.1	.1								1.1	4.1
W	1.1	1.1	1.1									1.1	4.1
WNW	1.1	1.1	1.1	.4								1.1	4.1
NW	1.1	1.1	1.1									1.1	4.1
NNW	1.1	1.1	1.1	.3								1.1	4.1
VARBL													
CALM												1.1	4.1
	2.3	2.1	1.1	1.4								1.1	4.1

TOTAL NUMBER OF OBSERVATIONS 111

1. STATION NAME
2. STATION NUMBER
3. SERVICE MARK

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 75-14 YEARS: MONTH: 12
CLASS: ALL WEATHER HOURS (LST): 100-280
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0											
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 315

U.S. METEOROLOGICAL SERVICE
 STATION
 METEOROLOGICAL SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.1	.7								5.1	5.2
NNE	.1	.7	1.1	.7								5.1	5.2
NE	.1	1.1	.7									5.1	5.2
ENE	.1	1.1	1.1	.1								5.1	5.3
E	.1	.7	1.1	.1								5.1	5.3
ESE	1.1	1.7	.7	.1								5.1	4.9
SE	1.1	.7	1.7	.7								5.1	5.1
SSE	1.1	.7	1.1	.1								5.1	5.1
S	.1	.7	.7	.7	.1							5.1	5.3
SSW	1.7	1.7	1.7	.7								5.1	5.3
SW	1.1	.7	.7	.5	.1							5.1	5.7
WSW	1.1	.7	.7	.5								5.1	5.5
W	.7	.7	4.4	1.7	.1							11.2	5.1
WNW	1.1	1.1	.7	.7	.1							5.1	5.7
NW	.7	1.1	1.1	.4								5.1	5.5
NNW	.1	1.1	1.1	.1								5.1	5.5
VARBL													
CALM													
	20.7	2.4	26.7	7.1	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 451

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANOGRAPHIC SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-04 STATION NAME ALL-WEATHER YEARS 1954-1955 VAV MONTH 1-12
CLASS ALL-WEATHER HOURS (LST) 0000-2400
CONDITION ALL-WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	.4									.1	3.0
NNE	1.1	2.5	2.4									2.1	3.8
NE	2.4	1.0	1.6	.1								2.2	4.8
ENE	1.0	1.0	.7	.1								1.1	4.8
E	1.0	2.1	.7	.1								1.1	4.8
ESE	1.0	.7	.4									1.1	3.8
SE	.7	.7	.5									1.1	4.8
SSE	1.0	.5	.4									1.1	3.7
S	.3	1.5	.4									1.1	3.6
SSW	.7	1.6	.2									1.1	3.8
SW	.7	1.0	.7	.1								1.1	3.8
WSW	.7	1.3	.1									1.1	3.4
W	.7	1.0	1.1									1.1	4.8
WNW	.7	.5										1.1	3.1
NW	.7	.4	.1									1.1	3.3
NNW	.7		.1									1.1	2.0
VARBL													
CALM												4.4	
	2.3	2.3	9.1	.5								10.2	2.1

TOTAL NUMBER OF OBSERVATIONS 422

44 CLIMATELOGY HANDBOOK
 1-1
 1-1
 1-1

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ DAY _____
 MONTH _____
 CLASS _____
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.2	.1									3.2
NNE	1.1	1.1	1.2	.1									3.2
NE		1.1	1.2										3.2
ENE	1.1	1.1	1.2										3.2
E		1.1	1.2	.2									3.2
ESE		1.1	1.2	.2									3.2
SE		1.1	1.2										3.2
SSE		1.1	1.2										3.2
S	1.1	1.1	1.2	.2									3.2
SSW	1.1	1.1	1.2	.2									3.2
SW		1.1	1.2	.2	.1								3.2
WSW		1.1	1.2	.2									3.2
W		1.1	1.2	.4									3.2
WNW		1.1	1.2	.1									3.2
NW	1.1		1.2										3.2
NNW		1.1	1.2										3.2
VARBL													3.2
CALM													3.2
	2.3	43.0	27.4	2.7	.1								4.2

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
METEOROLOGICAL SERVICE
STATION

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME 75-14 YEARS 1950-1955
CLASS ALL WEATHER
CONDITION 100-1400
HOURS (LST) 100-1400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0									1.0	3.3
NNE	1.0	1.0	2.7									1.0	3.1
NIE	1.0	1.0	1.0									1.0	5.1
ENE	1.0	2.2	1.0									1.0	4.1
E	2.0	3.3	1.0									1.0	4.1
ESE	1.0	1.0	1.0									1.0	3.1
SE	1.0	2.1	1.0									1.0	3.1
SSE	1.0	1.0	1.0	1.0								1.0	5.7
S	1.0	2.0	2.7	1.0								1.0	3.1
SSW	1.0	4.1	3.1	1.0								1.0	3.1
SW	1.0	3.0	3.0	1.0								1.0	3.1
WSW	1.0	3.0	2.0	1.0	1.0							1.0	3.1
W	1.0	4.0	3.0	1.0								1.0	3.1
WNW	1.0	1.0	2.0	1.0								1.0	3.1
NW	1.0	1.0	1.0									1.0	3.1
NNW	1.0	1.0	1.0	1.0								1.0	3.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 75-14

ALBATROSS LANDING
STATION
STATION: SCHWIMMSTADT

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: STATION NAME: YEARS: MONTH: MAY
CLASS: 3LL
CONDITION: 1852-1700
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	1.4	.2								5.2	6.2
NNE	.	1.0	1.2	.1								3.2	6.7
NE	.1	1.0	1.1									2.2	5.2
ENE	1.1	2.0	.2									2.6	4.8
E	.0	.0	.4									2.2	4.1
ESE	1.0	.0	.0									4.3	4.6
SE	.0	1.0	1.4									4.2	5.2
SSE	1.0	2.3	1.4	.1								5.7	5.4
S	1.0	4.0	3.4	.5	.1							3.2	6.2
SSW	1.0	3.2	2.4	.2								7.6	5.5
SW	1.0	2.0	2.0	.1								7.0	5.7
WSW	2.0	3.4	2.0	.5								4.2	5.5
W	1.0	4.2	4.0	.2								10.5	6.0
WNW	1.0	1.5	1.2	.5								5.2	6.7
NW	.	1.2	.2									3.2	5.1
NNW	.0	1.0	.4	.4								3.0	6.5
VARBL													
CALM												3.0	
	2.0	4.7	7.7	4.2	.1							1.2	5.5

TOTAL NUMBER OF OBSERVATIONS 791

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-4 STATION NAME 75-4 YEARS 75-76 MONTH 75-76

CLASS ALL - 37-58 HOURS (LST) 1-2-3-4-5-6-7-8-9-10-11-12

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.4	.3								3.0	4.6
NNE	.8	1.2	.7									2.3	4.5
NE	1.1	1.1	.7									2.4	3.2
ENE	1.1	1.1	.1									2.5	3.5
E	1.1	.1	.1									2.1	3.2
ESE	.7	1.4	.2									4.2	3.0
SE	.7	2.3	.7									2.1	4.2
SSE	.7	2.9	2.2	.1								2.2	5.1
S	.7	4.2	1.7									2.4	5.1
SSW	1.1	2.1	.1	.1								4.1	3.2
SW	1.1	1.5	.7									3.2	4.2
WSW	.1	1.1	.7									2.2	3.5
W	.7	2.2	1.6									2.5	4.7
WNW	1.1	1.2	1.1	.3								2.1	5.7
NW	.7	.4	.4	.3								1.1	5.9
NNW	.7	.7	.7									1.2	4.6
VARBL													
CALM												2.7	
	2.7	25.1	11.3	.3								15.2	2.3

TOTAL NUMBER OF OBSERVATIONS 732

U.S. AIR FORCE
 14-00000
 14-00000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-00000 STATION NAME 14-00000 YEARS 7-64 DAY MONTH 1-2-64 HOURS (LST) 12-00
 CLASS ALL CALLED
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.4									1.0	4.0
NNE	.4	.4	.4									1.0	4.0
NE	1.0	.7	.7									1.0	3.0
ENE	.4	1.0	.7									1.0	4.0
E	.4	.7										1.0	3.0
ESE	.4	1.0	.7									1.0	3.0
SE	1.0	.7	.7									1.0	4.0
SSE	.4	.7	.7									1.0	3.0
S	.4	4.7	.4	.2								1.0	4.0
SSW	.4	.7	.7									1.0	4.0
SW	.4	.7	.4									1.0	4.0
WSW	.4	.7	.7									1.0	4.0
W	.4	.7	1.0									1.0	4.0
WNW	.4	.7	.4									1.0	4.0
NW	.4	.7										1.0	3.0
NNW	.4	.4										1.0	3.0
VARBL												1.0	3.0
CALM												5.0	
	21.0	15.0	6.0	.2								10.0	1.0

TOTAL NUMBER OF OBSERVATIONS 44

U.S. AIR FORCE
 AIRCRAFT SERVICE CENTER
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-04 STATION NAME ALL WEATHER YEARS 1951 DAY 1 MONTH 1 HOURS (L.S.T.) 00

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.5	.2								1.1	3.4
NNE	1.1	1.1	1.2	.2								4.1	3.9
NE	1.1	1.1	1.2	.2								4.1	3.1
ENE	1.1	2.2	.2	.1								4.4	4.7
E	.1	2.4	.5	.1								4.1	4.3
ESE	1.1	1.4	.5									4.1	4.1
SE	1.1	1.1	.2									4.1	4.2
SSE	1.1	1.1	1.2	.1								4.1	4.5
S	.1	2.4	1.2	.2	.2							7.1	5.2
SSW	1.1	2.2	1.4	.2								5.1	5.4
SW	1.1	2.4	1.7	.4	.1							5.2	5.1
WSW	.1	2.4	1.5	.2	.1							5.5	5.1
W	.1	3.4	2.7	.4								5.5	5.0
WNW	1.1	1.1	1.1	.2								4.1	5.5
NW	.1	.2	.1									2.1	5.2
NNW	.1	.2	.1	.1								2.3	5.3
VARBL													
CALM												1.1	
	2.1	32.1	19.7	2.1	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 4612

ALCANTARA, HAYCH
 TAC
 SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALCANTARA, HAYCH STATION NAME ALCANTARA YEARS 74-80 MONTH JUN
 CLASS ALL WEATHER HOURS (LST) 00-2400
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.5									2.0	4.2
NNE	1.0	1.0	.7	.1								2.8	4.2
NE		4.0	1.0	.1								5.1	4.2
ENE	1.0	1.7	.5									3.2	4.2
E	.5	2.0	.5									3.0	3.0
ESE	.5	.7										1.2	3.0
SE	1.1	.5										1.6	3.0
SSE	1.0	.5										1.5	3.0
S	1.0	.5	.2									1.7	3.0
SSW	.5	1.0										1.5	3.0
SW	.5	1.1										1.6	3.0
WSW	.5	2.4	.5									3.4	4.2
W	.5	3.0	.4									4.0	4.2
WNW	.5	1.0										1.5	3.0
NW	1.0	.5										1.5	3.0
NNW	.5	.5										1.0	3.0
VARBL													
CALM													
	2.2	2.6	5.1	.2								10.1	4.2

TOTAL NUMBER OF OBSERVATIONS 60

ALCANTARA, MARCH
TAC
STATION SERVICE TAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALCANTARA, MARCH STATION NAME 74-110 YEARS 1950-1951
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	.1								1.2	5.2
NNE	1.3	3.	1.2	.2								1.3	5.2
NE	.1	2.	1.2	.2								2.1	5.2
ENE	1.4	3.	7.1									3.4	5.2
E	1.	3.3	1.1									1.2	4.2
ESE	1.	3.3	.4									2.2	4.2
SE	1.	1.7	.2									1.2	3.4
SSE	1.	1.1	.1									2.2	3.4
S	.2	2.7	.4									2.2	4.2
SSW	1.	1.4	.4									1.2	4.2
SW	1.1	3.	1.1									1.2	4.2
WSW	.2	5.4	2.									1.2	4.2
W	1.3	5.3	4.6	.3								1.2	5.7
WNW	1.	1.2	1.3									4.2	2.2
NW	.2	1.	.2									2.2	4.2
NNW	.1	1.3										2.1	3.9
VARBL													
CALM													
	21.1	44.2	21.2	.2								1.2	4.5

TOTAL NUMBER OF OBSERVATIONS 900

U.S. DEPARTMENT OF COMMERCE
NATIONAL METEOROLOGICAL SERVICE
OFFICE OF NAUTICAL SERVICES

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME 74-23 YEARS 1974-1975 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1400-1430
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	1.0									4.2	3.0
NNE	.	2.4	.		.1							2.2	2.6
NE	.	2.7	1.1	.1								2.2	2.7
ENE	1.0	3.6	1.7	.2								1.0	5.3
E	.	4.2	1.1	.1								2.9	4.7
ESE	1.0	2.0	.									2.4	4.7
SE	.	2.7	.2									2.2	4.7
SSE	1.0	3.7	.2	.1								2.7	4.2
S	1.0	3.4	1.1									2.7	4.2
SSW	1.0	2.6	1.7									2.7	4.2
SW	.	2.4	2.4	.1								2.6	6.1
WSW	.	4.7	7.2	.1								2.2	2.2
W	1.0	5.2	5.2	1.0								1.2	2.4
WNW	1.0	2.3	1.0									2.4	2.1
NW	.	1.4	1.1									2.7	6.2
NNW	.	2.0	.2	.1								2.0	2.1
VARBL													
CALM												.1	
	1.2	4.6	6.1	1.2	.1								2.1

TOTAL NUMBER OF OBSERVATIONS 92

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
	ALL LEATHER		
	CLASS		HOURS (L E T)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 74

U.S. AIR FORCE
 WIND
 1000 FT. OR LESS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-01 STATION NAME ALL STATE YEARS 1950-1951 MONTH 1-12
 CLASS ALL HOURS (L.S.T.) 0000-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0								4.0	4.0
NNE	1.0	1.0	1.0									3.7	3.7
NE	1.0	1.0										2.0	2.0
ENE	1.0	1.0										1.0	1.0
E	1.0	1.0	1.0									3.0	3.0
ESE	1.0	1.0	1.0									4.0	4.0
SE	1.0	1.0	1.0									4.7	4.7
SSE	1.0	1.0	1.0									3.0	3.0
S	1.0	1.0	1.0									4.0	4.0
SSW	1.0	1.0	1.0	1.0								3.0	3.0
SW	1.0	1.0	1.0	1.0								2.0	2.0
WSW	1.0	1.0	1.0									3.0	3.0
W	1.0	1.0	1.0									3.0	3.0
WNW	1.0	1.0	1.0									4.0	4.0
NW	1.0	1.0	1.0									1.0	1.0
NNW	1.0	1.0	1.0									3.0	3.0
VARBL													
CALM													
	21.0	14.6	3.0	1.0								1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 423

U.S. AIR FORCE
 NATIONAL CLIMATOLOGY BRANCH
 1. METEOROLOGICAL SERVICE BRANCH

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-82 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH ALL
 CLASS ALL HOURS (L.S.T.) ALL
 CONDITION ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.7	1.1								4.4	4.4
NNE	1.1	2.4	1.7	1.1								4.4	4.4
NE	1.1	2.4	1.7	1.1								4.4	4.4
ENE	1.1	2.4	1.7	1.1								4.4	4.4
E	1.1	3.1	1.7	1.1								4.4	4.4
ESE	1.1	2.4	1.7	1.1								4.4	4.4
SE	1.1	1.4	1.7	1.1								4.4	4.4
SSE	1.1	1.4	1.7	1.1								4.4	4.4
S	1.1	1.4	1.7	1.1								4.4	4.4
SSW	1.1	1.4	1.7	1.1								4.4	4.4
SW	1.1	2.4	1.7	1.1								4.4	4.4
WSW	1.1	2.4	1.7	1.1								4.4	4.4
W	1.1	3.1	1.7	1.1								4.4	4.4
WNW	1.4	1.4	1.7	1.1								4.4	4.4
NW	1.1	1.4	1.7	1.1								4.4	4.4
NNW	1.1	1.4	1.7	1.1								4.4	4.4
VARBL												4.4	4.4
CALM												4.4	4.4
	2.3	3.1	1.7	1.1								4.4	4.4

TOTAL NUMBER OF OBSERVATIONS 460

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 159

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS (L.S.T.) _____
CONDITION _____

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	1 •										1 •	4 • 3
NNE		•		• 1								1 •	4 • 3
NE	•	•	1 •	• 1								1 •	4 • 3
ENE	•	•	•									1 •	4 • 3
E		•	1 •									1 •	4 • 3
ESE	1 •	•	•									1 •	4 • 3
SE	1 • 1	•	•									1 •	4 • 3
SSE	1 •	•										1 •	4 • 3
S	•	•	•									1 •	4 • 3
SSW	•	•	•									1 •	4 • 3
SW	•	•	1 • 1									1 •	4 • 3
WSW	•	•	1 •									1 •	4 • 3
W	•	•	•									1 •	4 • 3
WNW	•	•	•									1 •	4 • 3
NW	1 •	•	•									1 •	4 • 3
NNW	•	•	•									1 •	4 • 3
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 1. CLIMATE LOG - FORM
 2. TAC
 3. SERVICE TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2-1-4 AFEN 137 1300 STATION NAME 74-13 YEARS 1964
 CLASS ALL WEATHER HOURS (LST) 1000-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.2									1.2	4.2
NNE	.1	1.2	.2	.1								1.2	4.2
NE	1.1	2.5	1.5									2.5	5.1
ENE	1.1	2.5	1.5	.1								2.5	5.4
E	1.1	3.4	1.5									3.4	4.9
ESE	1.1	2.2	1.2									2.2	4.9
SE	1.1	2.2	1.2									2.2	4.9
SSE	.1	2.5	.2	.1								2.5	4.7
S	1.1	4.7	1.2									4.7	5.2
SSW	1.1	4.6	1.2									4.6	5.2
SW	1.1	3.1	3.1									3.1	5.7
WSW	.3	1.2	3.1	.1								1.2	5.2
W	.1	5.2	3.1	.1								5.2	5.5
WNW	.1	2.2	2.1									2.2	5.7
NW	.1	1.1	.1									1.1	5.3
NNW	.1	1.1	.1									1.1	4.2
VARBL													
CALM												.7	
	22.1	43.1	27.4	.5								1.0	4.2

TOTAL NUMBER OF OBSERVATIONS 91

ALL CLIMATOLOGY STATION
 1. STATION NAME
 2. STATION NUMBER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____
 CLASS _____
 CONDITION _____
 HOURS (L.S.T.) _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	1.0									1.0	4.0
NNE	1.0	1.0	1.0	1.0								1.0	4.0
NE	1.0	1.1	1.0	1.0								1.0	4.0
ENE	1.0	1.0	1.0	1.0								1.0	4.0
E	1.1	4.4	1.0	1.0								1.0	5.0
ESE	1.0	2.0	1.0	1.0								1.0	4.0
SE	1.0	2.0	1.0	1.0								1.0	4.0
SSE	1.0	2.0	1.0	1.0								1.0	4.0
S	1.0	2.0	4.1	1.0								1.0	5.0
SSW	1.0	2.0	2.0	1.0								1.0	4.0
SW	1.0	2.0	1.0	1.0								1.0	4.0
WSW	1.0	2.0	1.0	1.0								1.0	4.0
W	1.0	2.0	1.0	1.0								1.0	4.0
WNW	1.0	2.0	1.0	1.0								1.0	4.0
NW	1.0	1.0	1.0	1.0								1.0	4.0
NNW	1.0	1.0	1.0	1.0								1.0	4.0
VARBL												1.0	4.0
CALM												1.0	4.0
	2.0	4.0	1.0	1.0								1.0	4.0

TOTAL NUMBER OF OBSERVATIONS _____

AL 5.1X 12.00 14.00
 13.00
 14.00 15.00 16.00 17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-84 STATION NAME ALL SAINTS YEARS 1961 MONTH 11
 CLASS 1-2-3-4 HOURS (L S T) 0000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.0	4.1
NNE												1.0	4.2
NE												1.0	3.5
ENE												1.0	3.4
E		2.0	0.4									1.0	3.4
ESE		1.0	0.7									1.0	3.2
SE		2.1	0.7									1.0	4.0
SSE		2.1	0.7									1.0	3.5
S		2.3	0.7									1.0	4.0
SSW		2.5	0.8									1.0	4.2
SW		1.4	0.7									1.0	4.2
WSW					0.1							1.0	3.5
W		1.6	0.4									1.0	3.5
WNW		0.7		0.1								1.0	4.4
NW		0.1	0.1									1.0	3.5
NNW			0.1									1.0	3.7
VARBL												1.0	3.7
CALM												77.1	
	22.2	22.0	2.8	0.1	0.1							1.0	3.4

TOTAL NUMBER OF OBSERVATIONS 761

U.S. AIR FORCE
CLIMATE BRANCH
U.S. AIR FORCE SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 21 STATION NAME QUINTANA ROO YEARS 74-8 MONTH 1-1
CLASS ALL WEATHER HOURS (LST) 100-200
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													2.7
NNE													2.4
NE													3.3
ENE													3.9
E													4.2
ESE													4.5
SE													3.1
SSE													3.2
S													3.5
SSW													3.5
SW													3.5
WSW													3.1
W													4.7
WNW													4.7
NW													3.5
NNW													3.5
VARBL													3.5
CALM													3.2
	27.0	11.6	7.0									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 100

AL CLIMATE DATA - HANCH
 ETAC
 OUT PA SERVICE - 7-10

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12-1-5 STATION NAME SHAPIRO BASE CO YEARS 74-75 MONTH JUN

CLASS ALL WEATHER HOURS (L & Y) ALL

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1		.2									2.2	4.2
NNE	1.1	1.7	.2	.1								2.2	4.2
NE	1.1	1.7	.7									2.2	4.2
ENE	1.1	2.7	.2	.2								2.2	4.2
E	2.2	2.7	1.7	.1								2.2	4.2
ESE	1.1	1.7										2.2	4.2
SE	1.1	1.7	.7									2.2	4.2
SSE	2.2	1.7	.2	.2								2.2	4.2
S	2.2	3.6	1.6	.2								2.2	4.2
SSW	2.2	2.7	1.7									2.2	4.2
SW	2.2	2.7	1.1	.2								2.2	4.2
WSW	2.2	3.6	1.7	.7	.2							2.2	4.2
W	2.2	4.7	1.7	.2								2.2	4.2
WNW	1.1	1.7	.7	.2								2.2	4.2
NW		.7	.2									2.2	4.2
NNW	.2	.7	.1									2.2	4.2
VARBL													
CALM												2.2	
	2.2	34.7	12.3	.4	.2							1.1	3.3

TOTAL NUMBER OF OBSERVATIONS 4752

U.S. CLIMATE BUREAU
 WASHINGTON, D.C.
 FORM 0-85 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-1 STATION NAME ALL-STATE YEARS 1950-1951 MONTH ALL
 CLASS ALL-STATE HOURS (LST) 24
 CONDITION ALL-STATE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								1.0	5.0
NNE	1.0	1.1	1.1									1.0	4.7
NE	1.0	2.1	1.0	.1								1.0	4.7
ENE	1.0	2.0	.0									1.0	4.0
E	1.0	1.0	.1									1.0	4.0
ESE		.1										1.0	4.4
SE												1.0	2.0
SSE	1.0	.0										1.0	2.0
S	.0	.0										1.0	2.0
SSW	.0	.0										1.0	3.0
SW	.0	.0	.0									1.0	3.0
WSW	1.0	1.0	.1									1.0	3.0
W	.0	1.0										1.0	3.0
WNW	.0	.0										1.0	2.0
NW	.0	.1										1.0	2.0
NNW	.0											1.0	1.0
VARBL												1.0	1.0
CALM												1.0	1.0
	2.1	1.1	1.1	.1								1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 677

U.S. AIR FORCE
 10-10-64
 10-10-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-110 STATION NAME ALL STATE YEARS 74-110
 CLASS 7-110
 CONDITION 7-110

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	.5									.1	4.4
NNE	1.8	2.5	1.2	.1								1.8	4.4
NE	.7	.5	1.2	.1								.7	4.4
ENE	.3	.5	.2	.2								.3	5.2
E	.1	4.2	.5									.1	4.1
ESE	1.8	1.4	.4									1.8	4.3
SE	1.8	1.2										1.8	3.4
SSE	1.8	1.4	.4									1.8	4.1
S	.2	1.2										.2	3.3
SSW	.2	2.5	.7									.2	3.8
SW	1.8	1.1	1.2									1.8	4.6
WSW	.2	5.1	.5									.2	4.3
W	.2	7.1	1.1									.2	4.1
WNW	.3	1.2	.4									.3	3.3
NW	1.2	.2	.1									1.2	3.2
NNW	1.3	.5										1.3	3.1
VARBL													
CALM												1.2	
	32.8	41.5	17.7	.4								17.7	3.6

TOTAL NUMBER OF OBSERVATIONS 93

U.S. AIR FORCE METEOROLOGICAL BRANCH
 USAFETAC
 FORM 0-8.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-00 STATION NAME ALL WEATHER CLASS ALL WEATHER YEARS 1970-1971 MONTH 1970-1971
 HOURS (LST) 1970-1971
 CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1		.1								1.1	4.0
NNE		2.5	1.7	.1								2.5	5.0
NE		3.5	1.7									3.5	5.4
ENE		4.7	1.7	.1								7.5	5.0
E		4.7	1.7									7.5	4.5
ESE		2.4	.7									4.3	3.0
SE		2.4	.7	.1								4.2	4.4
SSE		2.3	.6									4.2	4.2
S		2.3	1.7									7.7	4.2
SSW		2.7	1.7									7.7	4.2
SW		3.7	1.7	.1								7.7	5.2
WSW		3.7	1.4									7.2	4.4
W		4.7	1.4	.1								7.2	4.7
WNW		2.6	.7									4.3	4.4
NW		.7	.1									1.8	3.4
NNW		1.7	.1									2.3	4.0
VARBL													
CALM												7.0	
	71.1	44.2	14.2	.6								1.1	4.3

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 AFM 1-1
 1-1-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-23 STATION NAME 74-23 YEARS 74-23 MONTH 74-23

CLASS 74-23 HOURS (LST) 74-23

CONDITION 74-23

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	33.	27.4	14.4	1.2									4.1

TOTAL NUMBER OF OBSERVATIONS 824

U.S. NAVAL CLIMATE CENTER
 4100 CENTRAL EXPRESSWAY
 PENSACOLA, FLORIDA 32504

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	1	0	0	0	0	0	0	0	0	0	0	0	0
NE	1	0	0	0	0	0	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	1	1	0	0	0	0	0	0	0	0	0	0	0
ESE	0	1	0	0	0	0	0	0	0	0	0	0	0
SE	0	1	0	0	0	0	0	0	0	0	0	0	0
SSE	0	1	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	1	1	0	0	0	0	0	0	0	0	0	0	0
SW	1	1	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL													
CALM													
	27.4	17.3	3.0	0.5								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 77

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
		74-2	
	ALL WATERS		7-230
	CLASS		HOURS (LST)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 513

1. NAME OF STATION
2. LOCATION OF STATION
3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: _____ YEARS: _____ MONTH: _____
CLASS: ALL WEATHER
CONDITION: _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 4032

U.S. AIR FORCE
 1. ALBUQUERQUE, N.M.
 2. 1954
 3. 10-10-54

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE, N.M. STATION NAME ALBUQUERQUE YEARS 1954 MONTH 10
 CLASS ALL HOURS (LST) 0-24
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	4.	1.	1.	1.								11.	4.3
NE		6.	1.	1.								11.	4.3
ENE		1.	1.	1.								11.	4.3
E	1.		1.									11.	4.3
ESE												11.	4.3
SE												11.	4.3
SSE		1.										11.	4.3
S		1.										11.	4.3
SSW	1.	1.	1.									11.	4.3
SW	1.	1.	1.									11.	4.3
WSW		1.	1.									11.	4.3
W	1.	1.	1.									11.	4.3
WNW		1.										11.	4.3
NW												11.	4.3
NNW												11.	4.3
VARBL												11.	4.3
CALM												11.	4.3
	24.5	1.	1.	1.								11.	4.3

TOTAL NUMBER OF OBSERVATIONS 242

1. STATION NAME

2. DATE

3. TIME

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC

FORM 64

OR 5101 A

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 21 STATION NAME 74-1 YEARS 5 MONTH 5

CLASS ALL HOURS (LST) 1400-1400

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0									3.0	4.0
NNE	2.0	1.0	1.0									2.0	4.0
NE	1.0	1.0	1.0									1.0	4.0
ENE	1.0	1.0	1.0									1.0	4.0
E	2.0	1.0	1.0									1.0	4.0
ESE	2.0	1.0	1.0									1.0	4.0
SE	2.0	1.0	1.0									1.0	4.0
SSE	2.0	1.0	1.0									1.0	4.0
S	2.0	1.0	1.0									1.0	4.0
SSW	1.0	1.0	1.0									1.0	4.0
SW	1.0	1.0	1.0									1.0	4.0
WSW	1.0	1.0	1.0									1.0	4.0
W	1.0	1.0	1.0									1.0	4.0
WNW	1.0	1.0	1.0									1.0	4.0
NW	1.0	1.0	1.0									1.0	4.0
NNW	1.0	1.0	1.0									1.0	4.0
VARBL													
CALM												7.0	
	3.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0

TOTAL NUMBER OF OBSERVATIONS 80

U.S. AIR FORCE
 1. STATION
 2. DATE
 3. SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 CONDITION _____
 HOURS (LST) _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2										4.4	3.8
NNE		2.4	1.0	.7								2.2	4.9
NE		.6	1.0	.4								2.2	5.1
ENE		2.7	.7									2.7	4.0
E		4.7	.0	.1								1.0	4.0
ESE		1.0	.0									4.0	4.0
SE	1.0	2.0	.1									4.0	3.0
SSE	.4	1.0	.0									2.0	4.0
S	.0	.0	1.1									2.0	4.5
SSW		1.0	.4									2.0	3.5
SW	1.1	1.0	.4									2.0	4.3
WSW	.0	1.3	.1	.1								4.0	3.9
W	.0	2.4	1.0									2.0	4.0
WNW	1.0	1.0										2.0	3.6
NW	1.0	.0	.1									2.0	3.4
NNW	1.0	1.0										2.4	4.0
VARBL													
CALM												11.0	
	3.0	27.3	11.2	.0								1.0	3.0

TOTAL NUMBER OF OBSERVATIONS _____ 724

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible]

USAFETAC FORM 0-8.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 ALL 64

AC CLIMATELOGY BRANCH
 1210
 1700 TIER 1 SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1210 STATION NAME 1210 YEARS 74- MONTH 12
 CLASS ALL WEATHER
 HOURS (LST) 12-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	4.0	4.0
NNE	7.	1.	.	.	.	.	.	.	.	.	.	3.3	3.3
NE	.	2.	.	.	.	.	.	.	.	.	.	4.3	4.3
ENE	7.	1.	1.	.	.	.	.	.	.	.	.	4.4	4.4
E	.	1.	.	.	.	.	.	.	.	.	.	3.1	3.1
ESE	1.	1.	.	.	.	.	.	.	.	.	.	2.5	2.5
SE	.	2.	.	.	.	.	.	.	.	.	.	2.5	2.5
SSE	.	.	.	.	.	.	.	.	.	.	.	2.5	2.5
S	7.	.	.	.	.	.	.	.	.	.	.	4.3	4.3
SSW	.	.	.	.	.	.	.	.	.	.	.	2.5	2.5
SW	.	2.	.	.	.	.	.	.	.	.	.	2.5	2.5
WSW	.	.	.	.	.	.	.	.	.	.	.	2.5	2.5
W	.	.	.	.	.	.	.	.	.	.	.	2.5	2.5
WNW	.	.	.	.	.	.	.	.	.	.	.	2.5	2.5
NW	.	4.	.	.	.	.	.	.	.	.	.	2.5	2.5
NNW	.	.	.	.	.	.	.	.	.	.	.	3.0	3.0
VARBL	.	.	.	.	.	.	.	.	.	.	.	57.0	57.0
CALM	.	.	.	.	.	.	.	.	.	.	.	1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 42

40. DISTRICT COMMANDER
 41. DISTRICT SERVICE AREA

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-53 STATION NAME ALL WEATHER YEARS SEP
 CLASS ALL MONTH ALL
 CONDITION ALL HOURS (L S Y) ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	1.4									1.4	3.0
NNE	1.4	1.4	1.4	1.4								1.4	4.0
NE	1.4	1.4	1.4	1.4	1.4							1.4	5.4
ENE	1.4	1.4	1.4	1.4	1.4							1.4	5.4
E	1.4	1.4	1.4	1.4	1.4							1.4	4.2
ESE	1.4	1.4	1.4	1.4	1.4							1.4	3.0
SE	1.4	1.4	1.4	1.4	1.4							1.4	3.7
SSE	1.4	1.4	1.4	1.4	1.4							1.4	3.0
S	1.4	1.4	1.4	1.4	1.4							1.4	4.1
SSW	1.4	1.4	1.4	1.4	1.4							1.4	3.0
SW	1.4	1.4	1.4	1.4	1.4							1.4	4.0
WSW	1.4	1.4	1.4	1.4	1.4							1.4	3.0
W	1.4	1.4	1.4	1.4	1.4							1.4	4.0
WNW	1.4	1.4	1.4	1.4	1.4							1.4	3.4
NW	1.4	1.4	1.4	1.4	1.4							1.4	3.4
NNW	1.4	1.4	1.4	1.4	1.4							1.4	3.4
VARBL													
CALM												1.7	
	2.3	2.7	9.6	1.7								1.7	2.5

TOTAL NUMBER OF OBSERVATIONS 4544

U.S. AIR FORCE CLIMATE DIVISION
 WIND SERVICE TAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 061120 STATION NAME ALL SAID YEARS 74-80 MONTH 7-8-80
 CLASS ALL SAID
 CONDITION
 HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2									.1	4.1
NNE	.2	.2	.2									.1	4.1
NE	.2	.2	.2	.2								.1	4.1
ENE	.2	.2	.2									.1	4.1
E	.2	.2	.2									.1	4.1
ESE	.2	.2	.2									.1	4.1
SE	.2	.2	.2									.1	4.1
SSE	.2	.2	.2									.1	4.1
S	.2	.2	.2									.1	4.1
SSW	.2	.2	.2									.1	4.1
SW	.2	.2	.2									.1	4.1
WSW	.2	.2	.2									.1	4.1
W	.2	.2	.2									.1	4.1
WNW	.2	.2	.2									.1	4.1
NW	.2	.2	.2									.1	4.1
NNW	.2	.2	.2									.1	4.1
VARBL	.2	.2	.2									.1	4.1
CALM	.2	.2	.2									.1	4.1
	1.3	1.5	2.2	.2								1.1	4.1

TOTAL NUMBER OF OBSERVATIONS 51

U.S. AIR FORCE
 1. STATION
 2. DATE OF SERVICE YEAR

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-13 STATION NAME ALL WEATHER YEARS 1957 NORTH 33-10
 CLASS ALL WEATHER HOURS (L & P) 33-10
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.1	2.2	.1								2.2	4.5
NNE	1.0	1.4	4.4	.5								1.1	4.5
NE	.3	4.4	5.5	.2								1.4	5.2
ENE	.0	5.4	4.2									1.2	5.2
E	.0	3.7	1.7									2.3	4.4
ESE	1.0	2.0	.4									4.2	3.2
SE	1.4	.0	.0									2.2	4.3
SSE	1.0	.0	.4									2.2	4.1
S	1.3	.0	.0									2.3	4.4
SSW	1.0	1.2	.7	.1								2.2	4.2
SW	1.0	2.2	.4									4.2	4.4
WSW	.0	2.0	.5									4.2	4.4
W	.1	2.0	1.5	.1								2.2	5.3
WNW	1.0	1.1	.7	.2								2.4	5.2
NW	.0	.7	1.1									2.2	5.1
NNW	.0	1.4	.0	.1								2.2	5.2
VARBL													
CALM												1.1	
	2.2	34.2	4.2	1.4								1.1	4.7

TOTAL NUMBER OF OBSERVATIONS 412

AD CLIMATOLOGY BRANCH
 DTIC
 AIR FORCE SERVICE CENTER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-11 STATION NAME 74-11 YEARS 1952-1953 MONTH 1952-1953
 CLASS ALL WEATHER
 CONDITION 1952-1953
 HOURS (LST) 1952-1953

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	2.4	.2								7.6	6.3
NNE	1.1	2.1	2.4	.7								7.6	6.3
NE	1.1	4.2	2.1									7.6	5.9
ENE	1.1	2.1	1.2									1.7	5.3
E	2.1	4.7	1.2	.1								2.2	4.7
ESE	.1	1.6	.4									2.2	3.2
SE	.1	2.1	.1									2.2	4.7
SSE	1.1	2.4	.7									4.2	4.5
S	1.1	2.1	.5	.1								3.4	4.2
SSW	1.1	.1	1.1	.1								1.8	3.2
SW	1.1	2.1	2.6									3.6	5.2
WSW	1.1	1.6	2.2									4.2	5.2
W	.1	3.6	2.6	.4								3.6	5.7
WNW	1.1	1.1	2.1	.2								3.2	6.2
NW	.1	1.1	.2	.2								2.2	5.2
NNW	.1	1.2	1.1									2.4	6.2
VARBL													
CALM												1.4	
	2.2	41.6	2.2	2.1								1.4	5.2

TOTAL NUMBER OF OBSERVATIONS 51

U.S. CLIMATE DIVISION
 WASHINGTON, D.C.
 AIRCRAFT SERVICE UNIT

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-11 STATION NAME ALL AIRCRAFT YEARS 1950-1951 MONTH 1-12
 CLASS ALL HOURS 1-24
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.2	2.1	.2								2.1	3.3
NNE	2.1	1.1	1.1	.2								1.5	4.0
NE	.1	3.5	2.1	.2								1.5	5.2
ENE	.1	2.4	.5	.1								1.1	3.9
E	.3	3.4	.7	.1								1.6	4.1
ESE	2.1	1.3	.1									1.2	3.4
SE	.1	.7	.7									1.2	4.1
SSE	1.1	2.1	.6	.2								1.2	5.1
S	.1	2.2	.7	.1								1.2	4.1
SSW	.1	2.2	.6									1.2	4.4
SW	1.1	1.1	1.1									1.3	4.7
WSW	1.1	1.1	.7									1.1	4.2
W	.1	2.1	1.1	.2								1.1	3.4
WNW	.1	2.2	1.1	.2								1.1	3.4
NW	1.1	1.1	1.1									1.1	5.1
NNW	.1	1.7	1.1									1.1	5.2
VARBL													
CALM												1.1	
	32.1	35.1	10.1	1.1								10.1	4.1

TOTAL NUMBER OF OBSERVATIONS 619

U.S. AIR FORCE
 CLIMATE BRANCH
 1000 1000 1000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 1000 1000 1000 STATION NAME: 1000 1000 1000 YEARS: 1000 1000 1000 MONTH: 1000 1000 1000
 CLASS: 1000 1000 1000
 CONDITION: 1000 1000 1000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

ALUMINUM BY HANCO
STATION
STATION ID. NO.

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-1 STATION NAME 74-1 YEARS 1951-1952
 CLASS 1-2-3
 CONDITION 1-2-3
 HOURS (LST) 1-2-3

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1	2	2									1.3	3.0
NNE	1	1.7	1.7	2								1.3	4.4
NE	1	2	2	2								1.3	4.5
ENE	1	1.5	2									1.3	7.4
E	1	1.2										1.3	3.3
ESE			2									1.3	2.2
SE			2	3								1.3	2.2
SSE	1	2	2									1.3	3.3
S			2									1.3	3.4
SSW			2									1.3	3.4
SW												1.3	3.4
WSW		3										1.3	3.4
W			2									1.3	4.2
WNW			2									1.3	3.3
NW			2									1.3	3.3
NNW		2										1.3	3.3
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 332

ALABAMA TROPICAL STATION
 STATION NAME
 SERVICE 640

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____ HOURS (L S T) _____
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.1	1.1								1.1	5.1
NNE	1.1	1.1	1.1	1.1								1.1	5.1
NE	1.1	1.1	1.1	1.1								1.1	5.1
ENE	1.1	1.1	1.1	1.1								1.1	5.1
E	1.1	1.1	1.1	1.1								1.1	5.1
ESE	1.1	1.1	1.1	1.1								1.1	5.1
SE	1.1	1.1	1.1	1.1								1.1	5.1
SSE	1.1	1.1	1.1	1.1								1.1	5.1
S	1.1	1.1	1.1	1.1								1.1	5.1
SSW	1.1	1.1	1.1	1.1								1.1	5.1
SW	1.1	1.1	1.1	1.1								1.1	5.1
WSW	1.1	1.1	1.1	1.1								1.1	5.1
W	1.1	1.1	1.1	1.1								1.1	5.1
WNW	1.1	1.1	1.1	1.1								1.1	5.1
NW	1.1	1.1	1.1	1.1								1.1	5.1
NNW	1.1	1.1	1.1	1.1								1.1	5.1
VARBL													
CALM													
	22.1	22.1	22.1	22.1									

TOTAL NUMBER OF OBSERVATIONS 4753

THE UNIVERSITY OF CHICAGO

STATION	STATION NAME	YEARS	MONTH
	ALL	CLASS	HOURS L.S.Y.
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637

STATION	STATION NAME	YEARS	MONTH
	5110027		11
	CLASS		HOURS (L S Y)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 551

AD-A159 637

MCENTIRE ANGB SOUTH CAROLINA/COLUMBIA LIMITED SURFACE
OBSERVATIONS CLIMAT... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... DEC 84

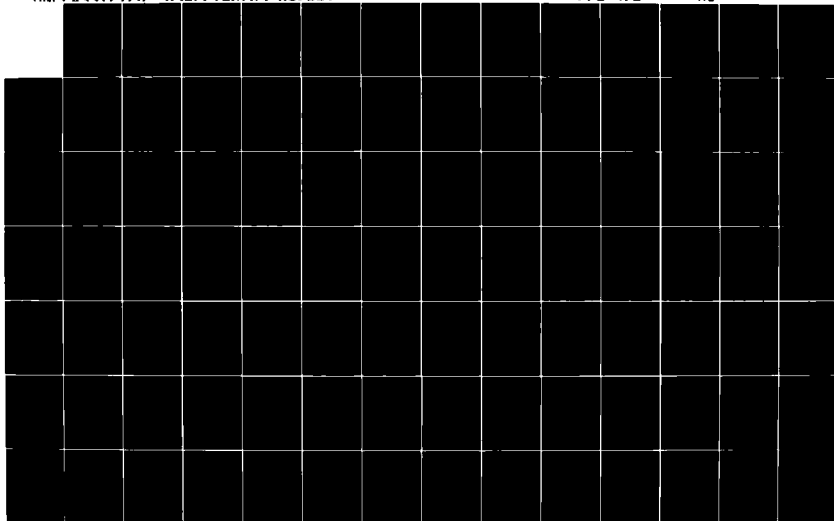
24

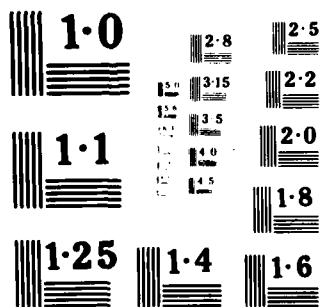
UNCLASSIFIED

USAF/TAC/DC-24/D41

F/G 4/2

NL





WIND LOG
 740
 AIRCRAFT SERVICE ROAD

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 740 STATION NAME 740 YEARS 1950-1955 MONTH 1950-1955
 CLASS ALL WEATHER HOURS (LST) 1950-1955
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	2.7	.1								7.2	5.0
NNE	1.0	2.0	2.5	.1								7.0	5.0
NE	1.0	2.7	2.7	.1								7.0	5.6
ENE	1.0	3.0	2.1									7.2	5.5
E	.3	2.3	.6									2.2	4.2
ESE	1.0	1.6	.0									2.0	4.5
SE	.0	2.0	.1									.1	4.2
SSE	.2	1.0	.7	.1								3.2	4.7
S	.0	2.5	1.5	.1								2.2	5.2
SSW	.0	1.0	1.7	.2								2.4	5.2
SW	.0	1.2	2.4	.1								4.0	6.5
WSW	1.0	2.7	2.0	.0								1.3	6.4
W	.0	2.1	4.0	.4								2.5	6.7
WNW	1.0	2.0	2.4	.3	.1							2.7	6.4
NW	.0	.2	2.0	.2								4.0	7.0
NNW	.0	1.0	1.0	.3								2.2	6.4
VARBL													
CALM												.1	
	22.0	35.1	32.7	2.3	.1							1.0	5.3

TOTAL NUMBER OF OBSERVATIONS 560

U.S. AIR FORCE CLIMATE CENTER
 1215
 1215

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1215 LOCATION 1215 STATION NAME 74-53 YEARS NOV
 CLASS ALL WEATHER MONTH NOV
 CONDITION 1000-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.4									4.4	3.3
NNE	.2	1.5	.4									4.4	3.5
NE	.2	1.4	.1									4.4	3.5
ENE	1.1	1.2	.4									4.4	4.4
E	1.2	.4	.7									1.9	3.6
ESE	1.2	.1	.1									1.7	3.6
SE	.2	.7	.3									1.3	4.1
SSE	1.2	.2	.7									4.4	3.7
S	.1	.6	.7	.1								3.4	4.5
SSW	1.1	.4										1.2	2.9
SW	.2	.6	.1									1.2	4.2
WSW	.2	.7										1.2	3.6
W	1.1	2.1	2.2	.3								5.7	6.1
WNW	.2	.2	.2	.3								1.7	7.4
NW	.2	.1	.4									1.2	4.9
NNW	1.1	.2										1.2	2.3
VARBL													
CALM												5.1	
	21.7	13.2	6.6	.7								10.0	1.7

TOTAL NUMBER OF OBSERVATIONS 725

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-12 STATION NAME 74-12 YEARS 74-12 MONTH 74-12
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.4									4.1	4.1
NNE	1.2	1.2	.4									4.1	4.1
NE	1.2	1.2	1.2									3.4	3.4
ENE	1.2	1.2	.4									3.4	3.4
E	.4	1.2	.4									3.4	3.4
ESE	.4	.4										3.4	3.4
SE	1.2		.4									3.4	3.4
SSE	1.2	.4										3.4	3.4
S	.4	1.2	.4									4.1	4.1
SSW	.4	.4	.4									4.1	4.1
SW	.4	.4	.4									4.1	4.1
WSW	.4	.4	.4									4.1	4.1
W	.4	.4	1.2	.4								4.1	4.1
WNW	.4	1.2	1.2	.4								4.1	4.1
NW	1.2	.4	.4	.4								4.1	4.1
NNW	2.0	.4										2.7	2.7
VARBL													
CALM												57.6	
	1.2	1.2	1.2	.4								1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 626

U.S. METEOROLOGICAL SERVICE
 ATC
 METEOROLOGICAL SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-13 YEARS NOV
 CLASS ALL SEATTLE MONTH ALL
 CONDITION ALL
 HOURS (LST) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	1.4	.1								2.2	5.0
NNE	1.1	2.2	1.7	.1								2.2	5.2
NE	.1	2.7	1.6	.2								2.2	5.0
ENE	1.1	2.4	1.1	.7								2.3	4.7
E	1.1	1.6	.7									2.2	4.2
ESE	1.1	1.7	.7									2.7	3.8
SE	1.1	.3	.1									2.2	3.6
SSE	1.1	1.1	.3	.1								2.2	3.7
S	1.1	1.4	.2	.1								2.2	3.0
SSW	1.2	1.1	.7	.1								2.2	5.0
SW	.1	1.2	.2	.1								2.2	5.0
WSW	1.1	1.7	1.4	.2								2.2	5.7
W	1.1	2.6	2.5	.5								2.2	6.4
WNW	1.1	1.4	1.5	.3	.1							2.2	6.2
NW	1.2	.1	1.4	.1								2.4	5.0
NNW	1.2	1.7	.7	.2								2.1	5.0
VARBL													
CALM													
	22.3	25.0	17.2	1.0	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 4507

U.S. AIR FORCE
T-37
STATION: SEAFIELD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: SEAFIELD STATION NAME: SEAFIELD YEARS: 74-75 MONTH: 7-75
CLASS: ALL HOURS (LST): 0000-2359
CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.0	1.0	2.0								2.0	4.4
NNE	1.0	1.0	1.0									3.0	5.0
NE	2.0	2.0	1.0									2.0	4.6
ENE		1.0	1.0									2.0	5.0
E	1.1											1.1	3.5
ESE												1.0	4.0
SE			1.0									1.1	4.5
SSE												1.0	4.0
S												1.0	4.3
SSW		1.0	1.0	1.0								2.0	6.7
SW		1.0	1.0	1.0								2.0	5.0
WSW	1.1	1.0	1.0									2.0	5.1
W	1.0	2.1	1.0	1.0								5.0	5.5
WNW		1.0	1.0									2.0	5.5
NW	1.0											2.0	2.9
NNW		1.0	1.0									1.0	3.7
VARBL													
CALM													
	12.7	10.2	13.0	1.0								12.0	2.5

TOTAL NUMBER OF OBSERVATIONS 532

U.S. AIR FORCE CLIMATE DIVISION
 WIND STATION
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12-05 STATION NAME CENTRE AVON CO YEARS 74-80 MONTH DEC
 CLASS ALL WEATHER HOURS (LST) 1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1.1	2.5	3.1	.4								7.1	6.0
NE	1.1	3.3	3.1	.1								7.1	5.9
ENE	2.4	2.0	1.2									7.1	4.9
E	1.1	2.0	1.0	.2								4.7	5.0
ESE	1.0	1.2	.2									2.4	4.1
SE	1.1	1.2	.1	.1								2.1	4.1
SSE		1.7	.2									2.1	4.3
S	1.7	.2	.2	.2								2.1	5.3
SSW	1.1	1.1	1.2	.2								2.1	5.3
SW	1.0	1.6	.7	.1								2.1	4.0
WSW	1.0	2.0	2.3	.2								2.1	5.7
W	2.0	3.6	4.1	1.2								11.1	6.5
WNW	1.0	2.2	1.0	.6								2.1	5.3
NW		1.3	1.1	.1								2.1	6.5
NNW	1.0	1.1	.6									2.1	5.0
VARBL													
CALM												17.2	
	21.1	31.1	24.2	3.2									

TOTAL NUMBER OF OBSERVATIONS 117

1. METEOROLOGICAL STATION
 2. IAC
 3. SERVICE IAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 CONDITION _____
 100-1400
 HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	2.4	.5								1.8	7.1
NNE		1.4	2.4	.5								1.8	6.5
NE	1.4	2.4	2.4	.5								1.8	5.9
ENE		1.4	1.7	.1								3.7	5.7
E	1.4	3.1	1.7									3.6	5.2
ESE	1.4	1.7	.7	.1								3.6	4.4
SE	1.4	1.7	.1	.1								3.6	4.4
SSE	1.4	1.7	.7									3.6	4.4
S	1.4	1.7	1.1	.5								4.6	5.7
SSW	1.4	1.7	1.1	.4								4.6	5.7
SW	1.4	2.4	2.7	.5								5.9	6.4
WSW	1.4	3.6	4.7	.9								5.9	6.0
W	.7	3.7	5.3	1.2	.1	.1						1.8	7.1
WNW	.7	2.7	3.7	1.2	.1							7.5	7.5
NW	.1	1.2	2.7	.6								3.1	7.1
NNW	.1	1.6	2.7									3.6	6.0
VARBL													
CALM												7.5	
	1.4	34.7	32.6	6.8	.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 635

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 211 STATION NAME 211 YEARS 74-75 D.C. 1700
 CLASS 1700-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2	.4								.2	3.4
NNE	.1	.4	.1	.1								.2	5.4
NE	.1	.1	.1									.2	5.4
ENE	.1	.1	.1									.2	4.4
E	.3	.7	.1									.7	3.4
ESE	.2		.4	.1	.1							.7	4.4
SE	.1	.5	.6									.1	4.4
SSE	.1		.4									.1	4.4
S	.1	.1	.4	.1								.7	4.4
SSW	.1	.6	.1									.3	4.7
SW	.1	.7	.1	.5								.7	5.4
WSW	.1	.1	.1	.3								.5	6.1
W	.1	.4	.1	.3								.1	7.1
WNW	.1	.1	.1	.1								.1	6.7
NW	.1	.1	.1									.1	5.4
NNW	.1	.1	.1	.3								.1	5.4
VARBL													
CALM												.1	
	.2	.4	.4	.9	.1							.1	4.7

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE
 14-55-100-100

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-55-100-100 STATION NAME 14-55-100-100 YEARS 14-55-100-100
 CLASS 14-55-100-100 MONTH 14-55-100-100
 HOURS (L.S.T.) 14-55-100-100
 CONDITION 14-55-100-100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	.1	.1								.1	1.1
NNE	.1	.1	1.1	.1								.1	1.1
NE	.1	1.1	.1									.1	1.1
ENE	.1	.1	.1	.1								.1	1.1
E	1.1	1.1		.1								.1	1.1
ESE	.1	.1										.1	1.1
SE	.1	.1	.1									.1	1.1
SSE	.1	.1	.1									.1	1.1
S	.1	.1	.1									.1	1.1
SSW	.1	.1	.1									.1	1.1
SW	.1	.1	.1									.1	1.1
WSW	.1	.1	.1	.1								.1	1.1
W	.1	.1	.1	.1								.1	1.1
WNW	.1	.1	.1	.1								.1	1.1
NW	.1	.1	.1	.1								.1	1.1
NNW	.1	.1	.1	.1								.1	1.1
VARBL													
CALM													
	23.1	17.1	7.1	2.1								49.5	2.1

TOTAL NUMBER OF OBSERVATIONS 71

U.S. DEPARTMENT OF COMMERCE
BUREAU OF MARINE SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-03 STATION NAME 74-03 YEARS 1951-52 MONTH 1-12
CLASS 1-12 HOURS 1-24
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.2	1.2							1.2	4.7
NNE	1.2	1.2	1.2	1.2	1.2							1.2	4.7
NE	1.2	1.2	1.2	1.2	1.2							1.2	4.7
ENE	1.2	1.2	1.2	1.2	1.2							1.2	4.7
E	1.2	1.2	1.2	1.2	1.2							1.2	4.7
ESE	1.2	1.2	1.2	1.2	1.2							1.2	4.7
SE	1.2	1.2	1.2	1.2	1.2							1.2	4.7
SSE	1.2	1.2	1.2	1.2	1.2							1.2	4.7
S	1.2	1.2	1.2	1.2	1.2							1.2	4.7
SSW	1.2	1.2	1.2	1.2	1.2							1.2	4.7
SW	1.2	1.2	1.2	1.2	1.2							1.2	4.7
WSW	1.2	1.2	1.2	1.2	1.2							1.2	4.7
W	1.2	1.2	1.2	1.2	1.2							1.2	4.7
WNW	1.2	1.2	1.2	1.2	1.2							1.2	4.7
NW	1.2	1.2	1.2	1.2	1.2							1.2	4.7
NNW	1.2	1.2	1.2	1.2	1.2							1.2	4.7
VARBL	1.2	1.2	1.2	1.2	1.2							1.2	4.7
CALM	1.2	1.2	1.2	1.2	1.2							1.2	4.7

TOTAL NUMBER OF OBSERVATIONS 657

40. CLIMATE LOG - HAND-
 TYPED
 DATE 12-25-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION STATION NAME YEARS 1964-1965 MONTH ALL
 CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0								5.7	5.0
NNE	1.0	1.0	1.0	1.0								5.7	5.0
NE	1.0	1.0	1.0	1.0								5.7	5.0
ENE	1.0	1.0	1.0	1.0								5.7	5.0
E	1.0	1.0	1.0	1.0								5.7	5.0
ESE	1.0	1.0	1.0	1.0								5.7	5.0
SE	1.0	1.0	1.0	1.0								5.7	5.0
SSE	1.0	1.0	1.0	1.0								5.7	5.0
S	1.0	1.0	1.0	1.0								5.7	5.0
SSW	1.0	1.0	1.0	1.0								5.7	5.0
SW	1.0	1.0	1.0	1.0								5.7	5.0
WSW	1.0	1.0	1.0	1.0								5.7	5.0
W	1.0	1.0	1.0	1.0								5.7	5.0
WNW	1.0	1.0	1.0	1.0								5.7	5.0
NW	1.0	1.0	1.0	1.0								5.7	5.0
NNW	1.0	1.0	1.0	1.0								5.7	5.0
VARBL													
CALM													
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 4572

U.S. CLIMATE BUREAU
 STATION
 AIR FORCE SERVICE A/C

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-14 STATION NAME 74-14 YEARS ALL MONTH ALL
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (L S T) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	1.1	.7	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
NNE	1.0	1.5	1.4	.7	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
NE	1.0	2.7	1.4	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
ENE	1.0	2.4	1.1	.7	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
E	.7	2.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
ESE	1.0	1.3	.4	.7	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
SE	1.2	1.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
SSE	1.0	1.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
S	1.0	2.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
SSW	1.0	1.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
SW	1.0	1.0	1.3	.2	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
WSW	1.0	2.3	1.7	.2	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
W	.1	.0	2.6	.7	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
WNW	1.2	1.0	1.4	.3	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
NW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
NNW	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.4
VARBL												3.3	3.4
CALM												3.3	3.4
	23.6	2.3	17.2	2.6	.1	.0	.0	.0	.0	.0	.0	100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 5574

U.S. AIR FORCE CLIMATE BRANCH
 AFM 7-10.1
 AIR FORCE SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-54 STATION NAME INSURMENT YEARS ALL
 CLASS ALL
 CONDITION ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
E	1.0	1.0	1.0	1.0	1.0							1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
S	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
W	1.0	1.0	1.0	1.0	1.0							1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0							1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0							1.0	1.0
	27.5	11.0	15.0	2.0	1.0	1.0						1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 5600

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

CEILING VERSUS VISIBILITY

JAN

100-200

TOTAL NUMBER OF OBSERVATIONS 525

CEILING VERSUS VISIBILITY

—

5-5-1100

• 3 B. • 4 A. • 5 V. • 6

1.7	46.5	46.5	47.1	47.2	47.2	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6
4.4	54.6	55.7	55.9	56.1	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
4.5	54.6	55.7	55.9	56.1	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
4.4	54.6	55.7	55.9	56.1	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
4.4	54.6	55.7	55.9	56.1	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
4.5	56.4	57.5	57.3	58.1	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
2.3	61.6	61.7	61.4	61.7	61.5	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
2.3	62.1	61.4	61.9	62.2	62.3	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
7.3	61.6	63.2	63.3	64.1	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
4.6	62.6	64.4	64.9	65.3	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
4.6	63.3	65.5	66.1	66.4	66.3	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
5.4	64.5	66.5	67.2	67.5	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
5.6	65.3	67.4	68.1	68.5	68.7	68.9	69.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1
5.7	66.4	68.9	69.5	70.1	70.2	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
5.2	67.6	70.2	70.9	71.5	71.6	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
5.4	69.1	71.7	72.4	72.9	73.1	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
5.9	70.5	73.3	73.3	74.1	74.2	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
5.9	71.5	74.1	74.7	75.9	76.2	76.7	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5
1.1	71.5	74.4	75.1	76.1	76.3	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
4.4	72.5	75.5	76.3	77.3	77.6	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
1.4	74.4	77.5	78.5	80.0	80.3	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
2.1	75.5	78.9	80.4	82.2	82.6	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2.2	76.7	79.5	81.1	82.9	83.4	84.2	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2.3	76.6	79.2	82.2	84.2	84.9	85.9	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2.3	76.6	80.0	82.5	84.8	85.6	86.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2.3	76.9	80.5	83.3	85.3	86.2	87.6	88.4	88.6	88.5	88.3	88.3	88.3	88.3	88.3
2.3	76.9	80.2	83.8	85.2	87.9	89.0	90.8	91.1	91.4	91.5	91.5	91.5	91.5	91.5
2.3	77.2	81.1	84.1	86.7	89.2	91.4	93.2	93.6	94.7	94.3	94.3	94.3	94.3	94.3
2.3	76.9	81.1	84.1	86.7	89.2	91.9	94.4	95.0	95.5	95.8	95.9	96.2	96.2	96.2
2.3	76.9	81.1	84.1	86.7	89.2	91.9	94.5	95.3	96.4	96.8	97.1	97.7	97.7	97.7
2.3	76.9	81.1	84.1	86.7	89.2	91.9	94.5	95.3	96.4	96.8	97.1	97.9	97.9	97.9
2.3	76.9	81.1	84.1	86.7	89.2	91.9	94.5	95.3	96.4	96.8	97.1	97.3	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 887

CEILING VERSUS VISIBILITY

78 - 34

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11-2-1422

1. 4. 1964

TOTAL NUMBER OF OBSERVATIONS 634

CEILING VERSUS VISIBILITY

75-84

14.

15-2-172

TOTAL NUMBER OF OBSERVATIONS 635

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC
 1700 EAST 17TH AVENUE

CEILING VERSUS VISIBILITY

2-1-57 ACCEPTEE WGSB 30

71-94

4A3

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

11-2-2404

	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1-100	4.7	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1-90	5.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
1-80	5.9	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
1-70	5.9	62.8	62.8	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
1-60	5.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
1-50	5.9	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
1-40	4.1	64.7	64.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1-30	4.4	64.0	64.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
1-20	5.6	71.5	71.1	71.3	71.3	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
1-10	6.5	71.8	72.1	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
1-500	67.1	72.4	72.6	72.8	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
1-400	67.7	74.4	74.6	74.7	74.9	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1-300	67.9	76.3	76.8	77.1	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
1-200	71.5	77.4	78.0	78.2	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1-100	71.7	78.7	79.4	79.7	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
1-90	72.2	81.1	81.7	81.4	81.6	81.8	82.1	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
1-80	72.2	81.7	82.7	83.3	83.6	83.9	84.1	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
1-70	74.7	83.3	84.4	85.2	85.6	86.0	86.3	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1-60	74.8	83.6	84.7	85.5	86.0	86.6	86.9	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1-50	74.7	84.7	85.9	86.7	87.3	87.8	88.2	88.6	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1-40	74.8	85.4	86.4	87.4	87.9	88.5	88.9	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
1-30	75.1	85.9	87.3	88.2	88.8	89.3	89.8	90.2	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
1-20	75.1	85.9	87.7	88.2	88.8	89.3	89.8	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
1-10	75.2	86.3	87.7	88.6	89.2	89.7	90.7	91.5	92.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1-500	75.5	87.7	88.5	89.4	89.7	89.7	90.9	92.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1-400	75.5	87.1	88.9	89.7	89.7	89.7	91.5	92.5	93.5	94.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1-300	75.5	87.1	88.8	89.7	89.7	89.7	92.3	93.4	94.4	95.7	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1-200	75.5	87.1	88.9	89.8	89.8	89.8	91.1	92.7	94.7	95.5	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1-100	75.5	87.1	88.9	89.8	89.8	89.8	91.1	92.7	94.4	96.1	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1-90	75.5	87.1	88.9	89.8	89.8	89.8	91.2	92.8	94.6	96.9	97.7	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1-80	75.5	87.1	88.9	89.8	89.8	89.8	91.2	92.8	94.6	96.9	97.7	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1-70	75.5	87.1	88.9	89.8	89.8	89.8	91.2	92.8	94.6	96.9	97.7	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 776

CEILING VERSUS VISIBILITY

5-5

14

- 13 -

S. B., *S. A.*, *S. F.*, *S. G.*

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
4.3	4.7	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 704

CEILING VERSUS VISIBILITY

75-54

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PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

522

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	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100			
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100				
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100					
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100							
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100								
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100									
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100										
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100											
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100												
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100														
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100															
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																		
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89																														

TOTAL NUMBER OF OBSERVATIONS 4576

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

75-54

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NAME NAME

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44-38861-5400

1. S.B. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 84

[illegible]TOTAL NUMBER OF OBSERVATIONS 432

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0
2	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0
3	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0
4	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0
5	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0
6	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0
7	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0
8	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0
9	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0
0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0
1	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0
2	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 625

1. DATE 11/14/1964

501125

STATION NAME

75-16

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1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1

TOTAL NUMBER OF OBSERVATIONS 24

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-01-2001 BY 60322 UCBAW

100-172

TOTAL NUMBER OF OBSERVATIONS 77

CEILING VERSUS VISIBILITY

76-54

7-2

~~SECRET~~

1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 25

TOTAL NUMBER OF OBSERVATIONS 67

CEILING VERSUS VISIBILITY

- 24

5. 2

442-2424

1. *Substantive* – the content of the law.

[illegible]TOTAL NUMBER OF OBSERVATIONS 622

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

77-54

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444

TOTAL NUMBER OF OBSERVATIONS 4227

CEILING VERSUS VISIBILITY

7. -24

2

— 22 —

• 55 •

[illegible]TOTAL NUMBER OF OBSERVATIONS 556

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALPHABETICALLY BY STATION
2. BY STATION SERVICE CLASS

CEILING VERSUS VISIBILITY

STATION NAME

75-84

545

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

75-1100

		VISIBILITY - STATUTE MILES															
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1000	FEET	51.9	7.5	4.4	41.7	47.7	48.8	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
900	FEET	4.0	58.2	58.9	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
800	FEET	4.0	58.2	58.9	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
700	FEET	4.1	58.3	59.2	59.7	5.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
600	FEET	40.7	60.2	61.2	61.6	61.2	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
500	FEET	2.0	65.6	65.1	65.7	65.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
400	FEET	2.0	64.5	65.8	65.5	66.9	67.0	67.2	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
300	FEET	54.7	65.5	69.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
200	FEET	5.3	68.8	70.2	71.1	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
100	FEET	5.7	67.4	7.9	71.7	7.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
0	FEET	51.1	71.4	72.7	73.3	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
1000	FEET	5.5	71.4	73.3	74.4	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
900	FEET	57.6	73.0	75.2	76.6	77.2	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
800	FEET	5.0	73.9	76.5	77.8	77.5	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
700	FEET	5.5	74.9	77.9	79.2	80.2	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
600	FEET	5.5	76.1	79.1	80.6	81.5	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
500	FEET	5.3	77.2	81.3	82.0	82.9	83.3	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
400	FEET	5.5	77.6	82.8	82.5	83.3	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
300	FEET	51.0	79.5	8.7	84.4	85.3	85.7	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
200	FEET	82.4	8.4	83.7	85.4	86.2	86.8	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
100	FEET	82.7	80.9	84.4	86.2	87.1	87.7	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
0	FEET	82.4	81.1	84.7	86.6	87.5	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1000	FEET	83.0	81.5	85.5	87.7	89.4	90.0	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
900	FEET	83.2	81.7	86.0	88.4	9.1	91.1	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
800	FEET	82.2	81.9	86.3	88.8	91.0	92.2	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
700	FEET	82.2	82.2	86.9	89.6	92.2	93.5	94.6	95.4	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9
600	FEET	83.2	82.2	86.8	89.7	92.3	94.3	95.6	97.1	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1
500	FEET	83.0	82.2	86.8	89.7	92.3	94.3	95.6	97.1	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1
400	FEET	83.3	82.3	86.9	89.8	92.4	94.4	95.3	97.7	98.4	98.9	99.1	99.5	99.5	99.5	99.5	99.5
300	FEET	83.3	82.3	86.9	89.8	92.4	94.4	95.3	97.7	98.4	98.9	99.1	99.5	99.5	99.5	99.5	99.5
200	FEET	83.3	82.3	86.9	89.8	92.4	94.4	95.3	97.7	98.4	98.9	99.1	99.5	99.5	99.5	99.5	99.5
100	FEET	83.3	82.3	86.9	89.8	92.4	94.4	95.3	97.7	98.4	98.9	99.1	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

423

11-2-1422

TOTAL NUMBER OF OBSERVATIONS 23

CEILING VERSUS VISIBILITY

442

100-2-1720

TOTAL NUMBER OF OBSERVATIONS 250

CEILING VERSUS VISIBILITY

21

02/11/25

$\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{4}$

SYMBOL NAME

$$75 - 34$$

11

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4-2-2022

1. *Chrysomelids* 2. *Curculionids* 3. *Chrysomelids* 4. *Chrysomelids* 5. *Chrysomelids* 6. *Chrysomelids* 7. *Chrysomelids* 8. *Chrysomelids* 9. *Chrysomelids* 10. *Chrysomelids* 11. *Chrysomelids* 12. *Chrysomelids* 13. *Chrysomelids* 14. *Chrysomelids* 15. *Chrysomelids* 16. *Chrysomelids* 17. *Chrysomelids* 18. *Chrysomelids* 19. *Chrysomelids* 20. *Chrysomelids* 21. *Chrysomelids* 22. *Chrysomelids* 23. *Chrysomelids* 24. *Chrysomelids* 25. *Chrysomelids* 26. *Chrysomelids* 27. *Chrysomelids* 28. *Chrysomelids* 29. *Chrysomelids* 30. *Chrysomelids* 31. *Chrysomelids* 32. *Chrysomelids* 33. *Chrysomelids* 34. *Chrysomelids* 35. *Chrysomelids* 36. *Chrysomelids* 37. *Chrysomelids* 38. *Chrysomelids* 39. *Chrysomelids* 40. *Chrysomelids* 41. *Chrysomelids* 42. *Chrysomelids* 43. *Chrysomelids* 44. *Chrysomelids* 45. *Chrysomelids* 46. *Chrysomelids* 47. *Chrysomelids* 48. *Chrysomelids* 49. *Chrysomelids* 50. *Chrysomelids* 51. *Chrysomelids* 52. *Chrysomelids* 53. *Chrysomelids* 54. *Chrysomelids* 55. *Chrysomelids* 56. *Chrysomelids* 57. *Chrysomelids* 58. *Chrysomelids* 59. *Chrysomelids* 60. *Chrysomelids* 61. *Chrysomelids* 62. *Chrysomelids* 63. *Chrysomelids* 64. *Chrysomelids* 65. *Chrysomelids* 66. *Chrysomelids* 67. *Chrysomelids* 68. *Chrysomelids* 69. *Chrysomelids* 70. *Chrysomelids* 71. *Chrysomelids* 72. *Chrysomelids* 73. *Chrysomelids* 74. *Chrysomelids* 75. *Chrysomelids* 76. *Chrysomelids* 77. *Chrysomelids* 78. *Chrysomelids* 79. *Chrysomelids* 80. *Chrysomelids* 81. *Chrysomelids* 82. *Chrysomelids* 83. *Chrysomelids* 84. *Chrysomelids* 85. *Chrysomelids* 86. *Chrysomelids* 87. *Chrysomelids* 88. *Chrysomelids* 89. *Chrysomelids* 90. *Chrysomelids* 91. *Chrysomelids* 92. *Chrysomelids* 93. *Chrysomelids* 94. *Chrysomelids* 95. *Chrysomelids* 96. *Chrysomelids* 97. *Chrysomelids* 98. *Chrysomelids* 99. *Chrysomelids* 100. *Chrysomelids*

	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																			
1	2.0	2.6	3.7	5.7	8.7	12.7	17.7	23.7	30.7	38.7	47.7	57.7	68.7	80.7	93.7	107.7	122.7	138.7	155.7	173.7	192.7	212.7	233.7	255.7	278.7	302.7	327.7	353.7	380.7	408.7	437.7	467.7	498.7	529.7	561.7	594.7	628.7	663.7	699.7	736.7	774.7	812.7	851.7	890.7	930.7	970.7	1010.7	1050.7	1090.7	1130.7	1170.7	1210.7	1250.7	1290.7	1330.7	1370.7	1410.7	1450.7	1490.7	1530.7	1570.7	1610.7	1650.7	1690.7	1730.7	1770.7	1810.7	1850.7	1890.7	1930.7	1970.7	2010.7	2050.7	2090.7	2130.7	2170.7	2210.7	2250.7	2290.7	2330.7	2370.7	2410.7	2450.7	2490.7	2530.7	2570.7	2610.7	2650.7	2690.7	2730.7	2770.7	2810.7	2850.7	2890.7	2930.7	2970.7	3010.7	3050.7	3090.7	3130.7	3170.7	3210.7	3250.7	3290.7	3330.7	3370.7	3410.7	3450.7	3490.7	3530.7	3570.7	3610.7	3650.7	3690.7	3730.7	3770.7	3810.7	3850.7	3890.7	3930.7	3970.7	4010.7	4050.7	4090.7	4130.7	4170.7	4210.7	4250.7	4290.7	4330.7	4370.7	4410.7	4450.7	4490.7	4530.7	4570.7	4610.7	4650.7	4690.7	4730.7	4770.7	4810.7	4850.7	4890.7	4930.7	4970.7	5010.7	5050.7	5090.7	5130.7	5170.7	5210.7	5250.7	5290.7	5330.7	5370.7	5410.7	5450.7	5490.7	5530.7	5570.7	5610.7	5650.7	5690.7	5730.7	5770.7	5810.7	5850.7	5890.7	5930.7	5970.7	6010.7	6050.7	6090.7	6130.7	6170.7	6210.7	6250.7	6290.7	6330.7	6370.7	6410.7	6450.7	6490.7	6530.7	6570.7	6610.7	6650.7	6690.7	6730.7	6770.7	6810.7	6850.7	6890.7	6930.7	6970.7	7010.7	7050.7	7090.7	7130.7	7170.7	7210.7	7250.7	7290.7	7330.7	7370.7	7410.7	7450.7	7490.7	7530.7	7570.7	7610.7	7650.7	7690.7	7730.7	7770.7	7810.7	7850.7	7890.7	7930.7	7970.7	8010.7	8050.7	8090.7	8130.7	8170.7	8210.7	8250.7	8290.7	8330.7	8370.7	8410.7	8450.7	8490.7	8530.7	8570.7	8610.7	8650.7	8690.7	8730.7	8770.7	8810.7	8850.7	8890.7	8930.7	8970.7	9010.7	9050.7	9090.7	9130.7	9170.7	9210.7	9250.7	9290.7	9330.7	9370.7	9410.7	9450.7	9490.7	9530.7	9570.7	9610.7	9650.7	9690.7	9730.7	9770.7	9810.7	9850.7	9890.7	9930.7	9970.7	10010.7	10050.7	10090.7	10130.7	10170.7	10210.7	10250.7	10290.7	10330.7	10370.7	10410.7	10450.7	10490.7	10530.7	10570.7	10610.7	10650.7	10690.7	10730.7	10770.7	10810.7	10850.7	10890.7	10930.7	10970.7	11010.7	11050.7	11090.7	11130.7	11170.7	11210.7	11250.7	11290.7	11330.7	11370.7	11410.7	11450.7	11490.7	11530.7	11570.7	11610.7	11650.7	11690.7	11730.7	11770.7	11810.7	11850.7	11890.7	11930.7	11970.7	

TOTAL NUMBER OF OBSERVATIONS. 747

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS 254

AL 14-5 FOL A-1
TAC
14-5 FOL A-1 SERVICE A-1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
900	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
800	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
700	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
600	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
500	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
400	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
300	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
200	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
100	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
50	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
25	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
10	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
5	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
2	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
1	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9
0	45.2	50.2	55.2	60.2	65.2	70.2	75.2	80.2	85.2	90.2	95.2	97.2	98.2	99.2	99.5	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 4725

FAT 2 SCHVIR 1-AC

422

4-2-242

TOTAL NUMBER OF OBSERVATIONS 634

CEILING VERSUS VISIBILITY

75 - 4

AP-2

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS.

- 11 -

[illegible]TOTAL NUMBER OF OBSERVATIONS 901

CEILING VERSUS VISIBILITY

1-1-1

442

1-22-1400

[illegible]TOTAL NUMBER OF OBSERVATIONS 699

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll acz* (Chl *acz*)
 56. *Chlorophyll adz* (Chl *adz*)
 57. *Chlorophyll aez* (Chl *aez*)
 58. *Chlorophyll afz* (Chl *afz*)
 59. *Chlorophyll agz* (Chl *agz*)
 60. *Chlorophyll ahz* (Chl *ahz*)
 61. *Chlorophyll aiz* (Chl *aiz*)
 62. *Chlorophyll ajz* (Chl *ajz*)
 63. *Chlorophyll akz* (Chl *akz*)
 64. *Chlorophyll alz* (Chl *alz*)
 65. *Chlorophyll amz* (Chl *amz*)
 66. *Chlorophyll anz* (Chl *anz*)
 67. *Chlorophyll aoz* (Chl *aoz*)
 68. *Chlorophyll apz* (Chl *apz*)
 69. *Chlorophyll aqz* (Chl *aqz*)
 70. *Chlorophyll arz* (Chl *arz*)
 71. *Chlorophyll asz* (Chl *asz*)
 72. *Chlorophyll atz* (Chl *atz*)
 73. *Chlorophyll auz* (Chl *auz*)
 74. *Chlorophyll avz* (Chl *avz*)
 75. *Chlorophyll awz* (Chl *awz*)
 76. *Chlorophyll axz* (Chl *axz*)
 77. *Chlorophyll ayz* (Chl *ayz*)
 78. *Chlorophyll ayz* (Chl *ayz*)
 79. *Chlorophyll azz* (Chl *azz*)
 80. *Chlorophyll azaa* (Chl *aza*)
 81. *Chlorophyll abz* (Chl *abz*)
 82. *Chlorophyll acz* (Chl *acz*)
 83. *Chlorophyll adz* (Chl *adz*)
 84. *Chlorophyll aez* (Chl *aez*)
 85. *Chlorophyll afz* (Chl *afz*)
 86. *Chlorophyll agz* (Chl *agz*)
 87. *Chlorophyll ahz* (Chl *ahz*)
 88. *Chlorophyll aiz* (Chl *aiz*)
 89. *Chlorophyll ajz* (Chl *ajz*)
 90. *Chlorophyll akz* (Chl *akz*)
 91. *Chlorophyll alz* (Chl *alz*)
 92. *Chlorophyll amz* (Chl *amz*)
 93. *Chlorophyll anz* (Chl *anz*)
 94. *Chlorophyll aoz* (Chl *aoz*)
 95. *Chlorophyll apz* (Chl *apz*)
 96. *Chlorophyll aqz* (Chl *aqz*)
 97. *Chlorophyll arz* (Chl *arz*)
 98. *Chlorophyll asz* (Chl *asz*)
 99. *Chlorophyll atz* (Chl *atz*)
 100. *Chlorophyll auz* (Chl *auz*)
 101. *Chlorophyll avz* (Chl *avz*)
 102. *Chlorophyll awz* (Chl *awz*)
 103. *Chlorophyll axz* (Chl *axz*)
 104. *Chlorophyll ayz* (Chl *ayz*)
 105. *Chlorophyll ayz* (Chl *ayz*)
 106. *Chlorophyll azz* (Chl *azz*)
 107. *Chlorophyll azaa* (Chl *aza*)
 108. *Chlorophyll abz* (Chl *abz*)
 109. *Chlorophyll acz* (Chl *acz*)
 110. *Chlorophyll adz* (Chl *adz*)
 111. *Chlorophyll aez* (Chl *aez*)
 112. *Chlorophyll afz* (Chl *afz*)
 113. *Chlorophyll agz* (Chl *agz*)
 114. *Chlorophyll ahz* (Chl *ahz*)
 115. *Chlorophyll aiz* (Chl *aiz*)
 116. *Chlorophyll ajz* (Chl *ajz*)
 117. *Chlorophyll akz* (Chl *akz*)
 118. *Chlorophyll alz* (Chl *alz*)
 119. *Chlorophyll amz* (Chl *amz*)
 120. *Chlorophyll anz* (Chl *anz*)
 121. *Chlorophyll aoz* (Chl *aoz*)
 122. *Chlorophyll apz* (Chl *apz*)
 123. *Chlorophyll aqz* (Chl *aqz*)
 124. *Chlorophyll arz* (Chl *arz*)
 125. *Chlorophyll asz* (Chl *asz*)
 126. *Chlorophyll atz* (Chl *atz*)
 127. *Chlorophyll auz* (Chl *auz*)
 128. *Chlorophyll avz* (Chl *avz*)
 129. *Chlorophyll awz* (Chl *awz*)
 130. *Chlorophyll axz* (Chl *axz*)
 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*)
 133.

11-11-17-11

TOTAL NUMBER OF OBSERVATIONS 231

CEILING VERSUS VISIBILITY

75-24

AP-3

~~1-2-2425~~

$$x, S/R \vdash^* \cdot S^* A^* \vdash^* F \wedge M \vdash^* F$$

	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
67	67.7	67.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
68	72.2	72.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
69	72.7	72.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
70	77.2	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
71	77.7	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
72	81.3	81.3	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
73	84.7	84.5	81.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
74	85.7	82.4	83.7	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	83.3	83.9	
75	86.7	84.2	84.5	84.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
76	86.7	84.2	84.5	84.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
77	91.1	85.2	85.3	86.3	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
78	91.5	86.5	87.1	87.7	88.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
79	91.1	86.6	89.4	91.1	91.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
80	91.2	87.4	92.2	92.3	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
81	91.5	87.6	92.5	91.4	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
82	91.5	91.1	91.6	92.5	93.4	93.9	94.7	94.3	94.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
83	91.9	91.4	91.9	92.4	94.7	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
84	92.9	91.5	91.1	93.0	94.1	94.6	94.7	94.7	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
85	92.2	92.5	93.2	94.0	95.5	96.1	96.4	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
86	92.2	92.6	92.2	94.1	95.9	96.2	96.7	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
87	92.2	92.6	93.2	94.1	95.7	96.4	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
88	92.2	92.6	93.2	94.3	96.7	96.5	96.9	97.5	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
89	92.2	92.6	93.2	94.3	96.1	96.9	97.4	98.7	98.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
90	92.2	92.6	93.2	94.3	96.4	97.6	98.2	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
91	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
92	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
93	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
94	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
95	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
96	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
97	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
98	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
99	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
100	92.2	92.6	93.2	94.4	96.5	97.6	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS 717

1. METEOROLOGICAL STATION
2. ICAO
3. ICAO SERVICE/CLASS

CEILING VERSUS VISIBILITY

4. NAME
5. LOCATION AND/OR
6. STATION NAME

75-84

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

VISIBILITY (STAT. MILES)																				
	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7
1.	65.6	68.2	69.2	69.3	69.6	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
2.	67.7	70.6	70.2	70.3	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
3.	67.7	70.6	70.2	70.3	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
4.	67.4	70.0	70.3	70.3	70.5	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
5.	67.8	70.6	70.1	70.1	70.2	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
6.	71.0	71.3	71.9	71.5	72.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
7.	71.0	71.5	72.0	72.0	72.3	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
8.	72.4	73.6	74.7	74.4	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
9.	73.5	74.3	74.0	74.9	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
10.	73.5	74.3	74.9	74.9	75.2	75.0	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
11.	74.7	74.7	75.0	76.0	76.4	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
12.	74.8	75.9	77.3	77.7	78.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
13.	75.2	77.3	78.7	79.3	79.8	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
14.	75.5	78.1	79.8	80.1	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
15.	75.8	78.8	80.4	80.7	81.2	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
16.	75.8	79.0	80.6	80.9	81.4	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
17.	76.1	79.1	81.6	81.9	82.4	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
18.	76.1	79.9	82.0	82.4	83.2	83.5	84.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
19.	76.7	80.9	82.9	83.3	84.2	84.5	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
20.	76.5	81.2	83.2	83.8	84.6	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
21.	76.5	81.4	83.3	84.7	84.8	85.1	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
22.	76.5	81.6	83.5	84.3	85.3	85.0	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
23.	76.5	81.0	83.0	84.8	86.1	86.4	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
24.	76.5	82.0	84.7	85.1	86.8	87.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
25.	76.5	82.0	84.7	85.1	87.2	87.7	88.2	89.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
26.	76.5	82.0	84.7	85.1	87.2	87.7	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
27.	76.5	82.0	84.7	85.1	87.2	87.7	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
28.	76.5	82.0	84.7	85.1	87.2	87.7	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
29.	76.5	82.0	84.7	85.1	87.2	87.7	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4

TOTAL NUMBER OF OBSERVATIONS 615

CEILING VERSUS VISIBILITY

20-56

423

444

...B...A...f...f...

70.4	68.3	57.6	59.1	57.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
71.4	70.4	71.2	71.5	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
73.4	72.5	71.3	71.5	71.7	71.7	71.9	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
73.4	73.5	71.3	71.5	71.7	71.7	71.9	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
73.5	70.8	71.5	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
74.7	72.2	73.1	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
75.3	75.5	76.5	76.8	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
77.7	76.1	77.1	77.4	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
78.9	78.1	79.2	79.6	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
80.3	76.8	81.2	80.4	81.8	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
81.4	79.0	80.2	80.5	81.7	81.1	81.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
77.4	75.2	81.5	82.0	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
71.1	71.3	82.6	83.2	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
77.2	83.3	84.7	85.4	86.7	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
72.8	84.3	85.8	86.0	87.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
73.4	85.2	86.8	87.7	88.3	88.7	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
74.2	86.7	88.3	89.2	89.9	90.3	90.6	90.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
74.5	87.6	89.2	90.2	90.9	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
74.9	87.6	89.4	90.4	91.1	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
75.2	86.7	90.4	91.4	92.3	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
75.6	89.5	91.3	92.5	93.5	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
75.9	89.8	91.7	93.0	94.1	94.6	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
75.9	92.1	92.7	93.3	94.4	95.1	95.4	95.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
76.1	90.2	92.1	93.5	94.8	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
76.1	90.5	92.4	93.9	95.3	96.1	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
76.1	90.5	92.5	94.1	95.6	96.4	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
76.1	90.6	92.6	94.2	96.7	97.0	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
76.2	90.6	92.6	94.3	96.3	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
76.2	90.7	92.7	94.4	96.4	97.5	98.4	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6
76.2	90.7	92.7	94.4	96.4	97.5	98.4	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 4551

CEILING VERSUS VISIBILITY

75-1.4

44

44-2022

[illegible][illegible]TOTAL NUMBER OF OBSERVATIONS 627

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
METEOROLOGICAL BRANCH
ETAC
AIR SERVICE

CEILING VERSUS VISIBILITY

12-1-56 ACQUIRE AIRCRAFT

75-34

44X

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

12-1-56

		20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
1-2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
3-4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
5-6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
7-8	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
9-10	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
11-12	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
13-14	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
15-16	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
17-18	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
19-20	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
21-22	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
23-24	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
25-26	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
27-28	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
29-30	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
31-32	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
33-34	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
35-36	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
37-38	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
39-40	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
41-42	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
43-44	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
45-46	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
47-48	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
49-50	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
51-52	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
53-54	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
55-56	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
57-58	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
59-60	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
61-62	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
63-64	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
65-66	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
67-68	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
69-70	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
71-72	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
73-74	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
75-76	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
77-78	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
79-80	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
81-82	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
83-84	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
85-86	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
87-88	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
89-90	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
91-92	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
93-94	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
95-96	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
97-98	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
99-100	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6

TOTAL NUMBER OF OBSERVATIONS 979

CEILING VERSUS VISIBILITY

75-34

542

100-2-1420

[illegible]TOTAL NUMBER OF OBSERVATIONS 922

CEILING VERSUS VISIBILITY

434

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1-4-172-

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

75-54

444

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

104-2-2424

TOTAL NUMBER OF OBSERVATIONS 73

U.S. AIR FORCE
CLIMATE BRANCH
1000 EAST 4TH AVENUE, 7TH FLOOR
DENVER, COLORADO 80202

CEILING VERSUS VISIBILITY

STATION: WHEELER, CO. AR
STATE: ARIZONA

75-54

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
900	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
800	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
700	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
600	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
500	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
400	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
300	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
200	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
50	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
25	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
5	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
0	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 4614

CEILING VERSUS VISIBILITY

74-52

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44-38861-1000

5. 2. 2. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

TOTAL NUMBER OF OBSERVATIONS _____ 63

CEILING VERSUS VISIBILITY

2-5-5

44

112-1121

TOTAL NUMBER OF OBSERVATIONS 92

CEILING VERSUS VISIBILITY

4-1-10

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44-245-

[illegible]TOTAL NUMBER OF OBSERVATIONS 50

CEILING VERSUS VISIBILITY

74-1-2

10

202-172-

TOTAL NUMBER OF OBSERVATIONS 620

1. CLIMATELOGY BRANCH
2. ETAC
3. DIST. 44. SERVICE/INAC

CEILING VERSUS VISIBILITY

2. NAME SCOTTSDALE ARAB

74-93

44

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-2-2430

| | | VISIBILITY (STAT. MILES) | | | | | | | | | | | | | | | |
|----|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 1 | 57.7 | 57.3 | 52.6 | 53.1 | 53.1 | 53.1 | 57.3 | 53.3 | 57.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| 2 | 1.7 | 59.8 | 71.3 | 72.2 | 72.6 | 72.6 | 72.8 | 72.3 | 72.8 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 3 | 1.7 | 60.3 | 71.3 | 72.2 | 72.6 | 72.6 | 72.9 | 72.6 | 72.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 4 | 1.7 | 60.8 | 71.3 | 72.2 | 72.6 | 72.6 | 72.8 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 5 | 1.7 | 61.3 | 71.3 | 72.2 | 72.6 | 72.6 | 72.9 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 6 | 4.2 | 73.1 | 74.8 | 75.3 | 76.2 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| 7 | 5.4 | 73.8 | 81.7 | 83.7 | 83.6 | 83.7 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 8 | 1.1 | 79.6 | 82.9 | 84.2 | 84.8 | 84.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 9 | 1.7 | 81.7 | 85.2 | 86.6 | 87.2 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 10 | 1.7 | 81.8 | 85.3 | 86.8 | 87.3 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 11 | 61.7 | 82.6 | 85.1 | 87.6 | 88.1 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 12 | 2.5 | 84.2 | 87.9 | 89.5 | 90.2 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 13 | 7.7 | 86.7 | 89.9 | 91.3 | 91.7 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 14 | 4.1 | 87.3 | 91.3 | 93.2 | 93.9 | 94.1 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 15 | 4.4 | 88.1 | 92.1 | 94.4 | 95.1 | 95.3 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 16 | 4.6 | 88.5 | 92.1 | 94.4 | 95.1 | 95.3 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 17 | 5.7 | 89.1 | 93.1 | 95.5 | 96.1 | 96.4 | 96.9 | 97.1 | 97.2 | 97.3 | 97.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 18 | 5.7 | 89.2 | 93.2 | 95.6 | 96.3 | 96.5 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 19 | 5.7 | 89.6 | 93.6 | 96.1 | 96.7 | 96.9 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 20 | 5.7 | 89.7 | 93.7 | 96.4 | 97.2 | 97.5 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 21 | 5.3 | 89.7 | 93.7 | 96.4 | 97.2 | 97.5 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 22 | 5.4 | 89.9 | 94.1 | 96.5 | 97.3 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 23 | 5.4 | 90.1 | 94.3 | 96.7 | 97.6 | 97.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 24 | 5.6 | 90.4 | 94.5 | 97.1 | 97.9 | 98.3 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 25 | 5.6 | 90.4 | 94.5 | 97.1 | 97.9 | 98.3 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 26 | 5.6 | 90.4 | 94.5 | 97.1 | 97.9 | 98.3 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 27 | 5.6 | 90.4 | 94.5 | 97.1 | 97.9 | 98.3 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 743

CEILING VERSUS VISIBILITY

74-11

—

44-242

TOTAL NUMBER OF OBSERVATIONS 493

CEILING VERSUS VISIBILITY

74-6, 2

444

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 34.5 | 41.2 | 52.0 | 53.4 | 54.6 | 54.8 | 54.9 | 55.0 | 55.2 | 55.4 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 |
| 37.9 | 51.5 | 55.1 | 57.4 | 58.4 | 58.5 | 58.8 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| 38.4 | 51.8 | 55.1 | 57.5 | 58.4 | 58.6 | 58.8 | 58.9 | 59.0 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 |
| 38.4 | 51.8 | 55.1 | 57.5 | 58.4 | 58.5 | 58.8 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 |
| 43.1 | 42.2 | 55.5 | 57.9 | 58.3 | 58.9 | 59.2 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.7 |
| 41.4 | 54.4 | 57.2 | 70.2 | 71.1 | 71.4 | 71.5 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 |
| 41.3 | 59.7 | 73.5 | 76.2 | 77.4 | 77.7 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.5 |
| 41.3 | 78.6 | 74.6 | 77.2 | 77.4 | 78.3 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 |
| 41.5 | 72.8 | 76.9 | 79.7 | 81.9 | 81.4 | 81.6 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.1 |
| 41.7 | 73.2 | 77.7 | 81.1 | 81.4 | 81.9 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.5 |
| 41.7 | 73.5 | 77.7 | 80.5 | 81.7 | 82.1 | 82.4 | 82.5 | 82.5 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 |
| 41.7 | 74.3 | 75.5 | 81.3 | 82.7 | 83.1 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.8 |
| 42.0 | 75.2 | 79.5 | 82.4 | 83.8 | 84.2 | 84.5 | 84.5 | 84.5 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 |
| 42.6 | 78.4 | 80.9 | 84.3 | 85.5 | 86.0 | 86.4 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 |
| 43.2 | 77.6 | 82.1 | 85.3 | 86.4 | 87.3 | 87.7 | 87.9 | 87.9 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.3 |
| 43.7 | 70.5 | 83.1 | 85.4 | 88.7 | 88.4 | 88.9 | 89.1 | 89.1 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 |
| 44.5 | 71.7 | 84.3 | 87.7 | 89.7 | 89.8 | 89.8 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 |
| 54.0 | 82.7 | 5.4 | 88.9 | 90.5 | 91.0 | 91.5 | 91.7 | 91.8 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.2 |
| 55.2 | 81.1 | 85.9 | 89.4 | 91.0 | 91.5 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 |
| 55.7 | 82.1 | 87.0 | 90.6 | 92.2 | 92.6 | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.8 |
| 55.7 | 83.2 | 89.7 | 91.3 | 92.5 | 94.1 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 |
| 55.5 | 83.7 | 88.9 | 92.6 | 94.4 | 94.9 | 95.7 | 95.7 | 95.8 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 |
| 55.6 | 83.8 | 89.0 | 92.7 | 94.5 | 95.2 | 95.8 | 96.1 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 |
| 55.7 | 84.2 | 89.5 | 93.4 | 95.2 | 95.9 | 96.5 | 96.3 | 96.7 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 |
| 56.0 | 84.4 | 89.7 | 93.7 | 95.6 | 96.0 | 97.0 | 97.4 | 97.5 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 |
| 56.0 | 84.6 | 89.9 | 94.0 | 96.1 | 96.9 | 97.5 | 98.0 | 98.2 | 98.3 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 |
| 56.0 | 84.7 | 90.0 | 94.3 | 96.4 | 97.2 | 98.0 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 |
| 56.0 | 84.8 | 90.1 | 94.3 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 4692

1. CEILING MATTER 3000-4-A-C-
T-10
2. PAY TO SERVICE 7/40

CEILING VERSUS VISIBILITY

3. NAME OF STATION
4. DATE

74-57

004

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

100-0000

VISIBILITY IN METERS

| | | | | | | | | | | | | | | | | | |
|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 10.0 | 20.4 | 29.2 | 38.1 | 47.1 | 56.2 | 65.3 | 74.4 | 83.5 | 92.6 | 101.7 | 110.8 | 119.9 | 129.0 | 138.1 | 147.2 | 156.3 | 165.4 |
| 11.0 | 21.2 | 30.0 | 38.9 | 47.8 | 56.7 | 65.6 | 74.5 | 83.4 | 92.3 | 101.2 | 110.1 | 119.0 | 127.9 | 136.8 | 145.7 | 154.6 | 163.5 |
| 12.0 | 22.1 | 30.9 | 39.8 | 48.7 | 57.6 | 66.5 | 75.4 | 84.3 | 93.2 | 102.1 | 111.0 | 119.9 | 128.8 | 137.7 | 146.6 | 155.5 | 164.4 |
| 13.0 | 23.0 | 31.8 | 40.7 | 49.6 | 58.5 | 67.4 | 76.3 | 85.2 | 94.1 | 103.0 | 111.9 | 120.8 | 129.7 | 138.6 | 147.5 | 156.4 | 165.3 |
| 14.0 | 23.9 | 32.7 | 41.6 | 50.5 | 59.4 | 68.3 | 77.2 | 86.1 | 95.0 | 103.9 | 112.8 | 121.7 | 130.6 | 139.5 | 148.4 | 157.3 | 166.2 |
| 15.0 | 24.8 | 33.6 | 42.5 | 51.4 | 60.3 | 69.2 | 78.1 | 87.0 | 95.9 | 104.8 | 113.7 | 122.6 | 131.5 | 140.4 | 149.3 | 158.2 | 167.1 |
| 16.0 | 25.7 | 34.5 | 43.4 | 52.3 | 61.2 | 70.1 | 79.0 | 87.9 | 96.8 | 105.7 | 114.6 | 123.5 | 132.4 | 141.3 | 150.2 | 159.1 | 168.0 |
| 17.0 | 26.6 | 35.4 | 44.3 | 53.2 | 62.1 | 71.0 | 79.9 | 88.8 | 97.7 | 106.6 | 115.5 | 124.4 | 133.3 | 142.2 | 151.1 | 160.0 | 168.9 |
| 18.0 | 27.5 | 36.3 | 45.2 | 54.1 | 63.0 | 71.9 | 80.8 | 89.7 | 98.6 | 107.5 | 116.4 | 125.3 | 134.2 | 143.1 | 152.0 | 160.9 | 169.8 |
| 19.0 | 28.4 | 37.2 | 46.1 | 55.0 | 63.9 | 72.8 | 81.7 | 90.6 | 99.5 | 108.4 | 117.3 | 126.2 | 135.1 | 144.0 | 152.9 | 161.8 | 170.7 |
| 20.0 | 29.3 | 38.1 | 47.0 | 55.9 | 64.8 | 73.7 | 82.6 | 91.5 | 100.4 | 109.3 | 118.2 | 127.1 | 136.0 | 144.9 | 153.8 | 162.7 | 171.6 |
| 21.0 | 30.2 | 39.0 | 47.9 | 56.8 | 65.7 | 74.6 | 83.5 | 92.4 | 101.3 | 110.2 | 119.1 | 128.0 | 136.9 | 145.8 | 154.7 | 163.6 | 172.5 |
| 22.0 | 31.1 | 39.9 | 48.8 | 57.7 | 66.6 | 75.5 | 84.4 | 93.3 | 102.2 | 111.1 | 120.0 | 128.9 | 137.8 | 146.7 | 155.6 | 164.5 | 173.4 |
| 23.0 | 32.0 | 40.8 | 49.7 | 58.6 | 67.5 | 76.4 | 85.3 | 94.2 | 103.1 | 112.0 | 120.9 | 129.8 | 138.7 | 147.6 | 156.5 | 165.4 | 174.3 |
| 24.0 | 32.9 | 41.7 | 50.6 | 59.5 | 68.4 | 77.3 | 86.2 | 95.1 | 104.0 | 112.9 | 121.8 | 130.7 | 139.6 | 148.5 | 157.4 | 166.3 | 175.2 |
| 25.0 | 33.8 | 42.6 | 51.5 | 60.4 | 69.3 | 78.2 | 87.1 | 96.0 | 104.9 | 113.8 | 122.7 | 131.6 | 140.5 | 149.4 | 158.3 | 167.2 | 176.1 |
| 26.0 | 34.7 | 43.5 | 52.4 | 61.3 | 70.2 | 79.1 | 88.0 | 96.9 | 105.8 | 114.7 | 123.6 | 132.5 | 141.4 | 150.3 | 159.2 | 168.1 | 177.0 |
| 27.0 | 35.6 | 44.4 | 53.3 | 62.2 | 71.1 | 80.0 | 88.9 | 97.8 | 106.7 | 115.6 | 124.5 | 133.4 | 142.3 | 151.2 | 160.1 | 169.0 | 177.9 |
| 28.0 | 36.5 | 45.3 | 54.2 | 63.1 | 72.0 | 80.9 | 89.8 | 98.7 | 107.6 | 116.5 | 125.4 | 134.3 | 143.2 | 152.1 | 161.0 | 170.9 | 179.8 |
| 29.0 | 37.4 | 46.2 | 55.1 | 64.0 | 72.9 | 81.8 | 90.7 | 99.6 | 108.5 | 117.4 | 126.3 | 135.2 | 144.1 | 153.0 | 161.9 | 171.8 | 180.7 |
| 30.0 | 38.3 | 47.1 | 56.0 | 64.9 | 73.8 | 82.7 | 91.6 | 100.5 | 109.4 | 118.3 | 127.2 | 136.1 | 145.0 | 153.9 | 162.8 | 171.7 | 180.6 |
| 31.0 | 39.2 | 48.0 | 56.9 | 65.8 | 74.7 | 83.6 | 92.5 | 101.4 | 110.3 | 119.2 | 128.1 | 137.0 | 145.9 | 154.8 | 163.7 | 172.6 | 181.5 |
| 32.0 | 40.1 | 48.9 | 57.8 | 66.7 | 75.6 | 84.5 | 93.4 | 102.3 | 111.2 | 120.1 | 129.0 | 137.9 | 146.8 | 155.7 | 164.6 | 173.5 | 182.4 |
| 33.0 | 41.0 | 49.8 | 58.7 | 67.6 | 76.5 | 85.4 | 94.3 | 103.2 | 112.1 | 121.0 | 130.9 | 139.8 | 148.7 | 157.6 | 166.5 | 175.4 | 184.3 |
| 34.0 | 41.9 | 50.7 | 59.6 | 68.5 | 77.4 | 86.3 | 95.2 | 104.1 | 113.0 | 121.9 | 131.8 | 140.7 | 149.6 | 158.5 | 167.4 | 176.3 | 185.2 |
| 35.0 | 42.8 | 51.6 | 60.5 | 69.4 | 78.3 | 87.2 | 96.1 | 105.0 | 113.9 | 122.8 | 132.7 | 141.6 | 150.5 | 159.4 | 168.3 | 177.2 | 186.1 |
| 36.0 | 43.7 | 52.5 | 61.4 | 70.3 | 79.2 | 88.1 | 97.0 | 105.9 | 114.8 | 123.7 | 133.6 | 142.5 | 151.4 | 160.3 | 169.2 | 178.1 | 187.0 |
| 37.0 | 44.6 | 53.4 | 62.3 | 71.2 | 80.1 | 89.0 | 97.9 | 106.8 | 115.7 | 124.6 | 134.5 | 143.4 | 152.3 | 161.2 | 170.1 | 179.0 | 187.9 |
| 38.0 | 45.5 | 54.3 | 63.2 | 72.1 | 81.0 | 90.9 | 98.8 | 107.7 | 116.6 | 125.5 | 135.4 | 144.3 | 153.2 | 162.1 | 171.0 | 179.9 | 188.8 |
| 39.0 | 46.4 | 55.2 | 64.1 | 73.0 | 81.9 | 91.8 | 99.7 | 108.6 | 117.5 | 126.4 | 136.3 | 145.2 | 154.1 | 163.0 | 171.9 | 180.8 | 189.7 |
| 40.0 | 47.3 | 56.1 | 65.0 | 73.9 | 82.8 | 92.7 | 100.6 | 109.5 | 118.4 | 127.3 | 137.2 | 146.1 | 155.0 | 163.9 | 172.8 | 181.7 | 190.6 |
| 41.0 | 48.2 | 57.0 | 65.9 | 74.8 | 83.7 | 93.6 | 101.5 | 110.4 | 119.3 | 128.2 | 138.1 | 147.0 | 155.9 | 164.8 | 173.7 | 182.6 | 191.5 |
| 42.0 | 49.1 | 57.9 | 66.8 | 75.7 | 84.6 | 94.5 | 102.4 | 111.3 | 120.2 | 129.1 | 139.0 | 147.9 | 156.8 | 165.7 | 174.6 | 183.5 | 192.4 |
| 43.0 | 50.0 | 58.8 | 67.7 | 76.6 | 85.5 | 95.4 | 103.3 | 112.2 | 121.1 | 130.0 | 139.9 | 148.8 | 157.7 | 166.6 | 175.5 | 184.4 | 193.3 |
| 44.0 | 50.9 | 59.7 | 68.6 | 77.5 | 86.4 | 96.3 | 104.2 | 113.1 | 122.0 | 130.9 | 140.8 | 149.7 | 158.6 | 167.5 | 176.4 | 185.3 | 194.2 |
| 45.0 | 51.8 | 60.6 | 69.5 | 78.4 | 87.3 | 97.2 | 105.1 | 114.0 | 122.9 | 131.8 | 141.7 | 150.6 | 159.5 | 168.4 | 177.3 | 186.2 | 195.1 |
| 46.0 | 52.7 | 61.5 | 70.4 | 79.3 | 88.2 | 98.1 | 106.0 | 114.9 | 123.8 | 132.7 | 142.6 | 151.5 | 160.4 | 169.3 | 178.2 | 187.1 | 196.0 |
| 47.0 | 53.6 | 62.4 | 71.3 | 80.2 | 89.1 | 99.0 | 106.9 | 115.8 | 124.7 | 133.6 | 143.5 | 152.4 | 161.3 | 170.2 | 179.1 | 188.0 | 196.9 |
| 48.0 | 54.5 | 63.3 | 72.2 | 81.1 | 90.0 | 100.9 | 107.8 | 116.7 | 125.6 | 134.5 | 144.4 | 153.3 | 162.2 | 171.1 | 180.0 | 188.9 | 197.8 |
| 49.0 | 55.4 | 64.2 | 73.1 | 82.0 | 90.9 | 101.8 | 108.7 | 117.6 | 126.5 | 135.4 | 145.3 | 154.2 | 163.1 | 172.0 | 180.9 | 189.8 | 198.7 |
| 50.0 | 56.3 | 65.1 | 74.0 | 82.9 | 91.8 | 102.7 | 109.6 | 118.5 | 127.4 | 136.3 | 146.2 | 155.1 | 164.0 | 172.9 | 181.8 | 190.7 | 199.6 |
| 51.0 | 57.2 | 66.0 | 74.9 | 83.8 | 92.7 | 103.6 | 110.5 | 119.4 | 128.3 | 137.2 | 147.1 | 156.0 | 164.9 | 173.8 | 182.7 | 191.6 | 200.5 |
| 52.0 | 58.1 | 66.9 | 75.8 | 84.7 | 93.6 | 104.5 | 111.4 | 120.3 | 129.2 | 138.1 | 148.0 | 156.9 | 165.8 | 174.7 | 183.6 | 192.5 | 201.4 |
| 53.0 | 59.0 | 67.8 | 76.7 | 85.6 | 94.5 | 105.4 | 112.3 | 121.2 | 130.1 | 139.0 | 148.9 | 157.8 | 166.7 | 175.6 | 184.5 | 193.4 | 202.3 |
| 54.0 | 59.9 | 68.7 | 77.6 | 86.5 | 95.4 | 106.3 | 113.2 | 122.1 | 131.0 | 140.9 | 150.8 | 159.7 | 168.6 | 177.5 | 186.4 | 195.3 | 203.2 |
| 55.0 | 60.8 | 69.6 | 78.5 | 87.4 | 96.3 | 107.2 | 114.1 | 123.0 | 131.9 | 141.8 | 151.7 | 160.6 | 169.5 | 178.4 | 187.3 | 196.2 | 204.1 |
| 56.0 | 61.7 | 70.5 | 79.4 | 88.3 | 97.2 | 108.1 | 115.0 | 123.9 | 132.8 | 142.7 | 152.6 | 161.5 | 170.4 | 179.3 | 188.2 | 197.1 | 205.0 |
| 57.0 | 62.6 | 71.4 | 80.3 | 89.2 | 98.1 | 109.0 | 115.9 | 124.8 | 133.7 | 143.6 | 153.5 | 162.4 | 171.3 | 180.2 | 189.1 | 198.0 | 205.9 |
| 58.0 | 63.5 | 72.3 | 81.2 | 90.1 | 99.0 | 110.9 | 116.8 | 125.7 | 134.6 | 144.5 | 154.4 | 163.3 | 172.2 | 181.1 | 190.0 | 198.9 | 206.8 |
| 59.0 | 64.4 | 73.2 | 82.1 | 91.0 | 100.9 | 111.8 | 117.7 | 126.6 | 135.5 | 145.4 | 155.3 | 164.2 | 173.1 | 182.0 | 190.9 | 199.8 | 207.7 |
| 60.0 | 65.3 | 74.1 | 83.0 | 91.9 | 101.8 | 112.7 | 118.6 | 127.5 | 136.4 | 146.3 | 156.2 | 165.1 | 174.0 | 182.9 | 191.8 | 200.7 | 208.6 |
| 61.0 | 66.2 | 75.0 | 83.9 | 92.8 | 102.7 | 113.6 | 119.5 | 128.4 | 137.3 | 147.2 | 157.1 | 166.0 | 174.9 | 183.8 | 192.7 | 201.6 | 209.5 |
| 62.0 | 67.1 | 75.9 | 84.8 | 93.7 | 103.6 | 114.5 | 120.4 | 129.3 | 138.2 | 148.1 | 158.0 | 166.9 | 175.8 | 184.7 | 193.6 | 202.5 | 210.4 |
| 63.0 | 68.0 | 76.8 | 85.7 | 94.6 | 104.5 | 115.4 | 121.3 | 130.2 | 139.1 | 149.0 | 158.9 | 167.8 | 176.7 | 185.6 | 194.5 | 203.4 | 211.3 |
| 64.0 | 68.9 | 77.7 | 86.6 | 95.5 | 105.4 | 116.3 | 122.2 | 131.1 | 140.0 | 149.9 | 159.8 | 168.7 | 177.6 | 186.5 | 195.4 | 204.3 | 212.2 |
| 65.0 | 69.8 | 78.6 | 87.5 | 96.4 | 106.3 | 117.2 | 123.1 | 132.0 | 140.9 | 150.8 | 160.7 | 169.6 | 178.5 | 187.4 | 196.3 | 205.2 | 213.1 |
| 66.0 | 70.7 | 79.5 | 88.4 | 97.3 | 107.2 | 118.1 | 124.0 | 132.9 | 141.8 | 151.7 | 161.6 | 170.5 | 179.4 | 188.3 | 197.2 | 206.1 | 214.0 |
| 67.0 | 71.6 | 80.4 | 89.3 | 98.2 | 108.1 | 119.0 | 124.9 | 133.8 | 142.7 | 152.6 | 162.5 | 171.4 | 180.3 | 189.2 | 198.1 | 207.0 | 214.9 |
| 68.0 | 72.5 | 81.3 | 90.2 | 99.1 | 109.0 | 120.9 | 125.8 | 134.7 | 143.6 | 153.5 | 163.4 | 172.3 | 181.2 | 190.1 | 199.0 | 207.9 | 215.8 |
| 69.0 | 73.4 | 82.2 | 91.1 | 100.0 | 110.9 | 121.8 | 126.7 | 135.6 | 144.5 | 154.4 | 164.3 | 173.2 | 182.1 | 191.0 | 200.9 | 209.8 | 216.7 |
| 70.0 | 74.3 | 83.1 | 92.0 | 100.9 | 111.8 | 122.7 | 127.6 | 136.5 | 145.4 | 155.3 | 165.2 | 174.1 | 183.0 | 191.9 | 201.8 | 210.7 | 217.6 |
| 71.0 | 75.2 | 84.0 | 92.9 | 101.8 | 112.7 | 123.6 | 128.5 | 137.4 | 146.3 | 156.2 | 166.1 | 175.0 | 183.9 | 192.8 | 201.7 | 210.6 | 218.5 |
| 72.0 | 76.1 | 84.9 | 93.8 | 102.7 | 113.6 | 124.5 | 129.4 | 138.3 | 147.2 | 157.1 | 167.0 | 175.9 | 184.8 | 193.7 | 202.6 | 211.5 | 219.4 |
| 73.0 | 77.0 | 85.8 | 94.7 | 103.6 | 114.5 | 125.4 | 130.3 | 139.2 | 148.1 | 158.0 | 167.9 | 176.8 | 185.7 | 194.6 | 203.5 | 212.4 | 220.3 |
| 74.0 | 77.9 | 86.7 | 9 | | | | | | | | | | | | | | |

U.S. AIR FORCE
CLIMATE SERVICE
CLIMATE BRANCH

CEILING VERSUS VISIBILITY

STATION: WRIGHT FIELD

74-23

4-1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-11-55

VISIBILITY STATUTE MILES

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 1 | 42.9 | 49.7 | 52.9 | 55.9 | 56.9 | 57.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| 2 | 52.7 | 53.9 | 54.3 | 57.8 | 68.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 3 | 52.7 | 53.9 | 54.3 | 57.8 | 68.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 4 | 52.9 | 53.9 | 54.3 | 57.8 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| 5 | 53.9 | 63.4 | 63.4 | 71.4 | 72.4 | 72.5 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 6 | 51.4 | 69.1 | 74.2 | 77.2 | 78.2 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| 7 | 51.7 | 69.4 | 74.6 | 77.5 | 78.5 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| 8 | 52.7 | 64.6 | 72.6 | 73.1 | 81.9 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 9 | 52.7 | 65.0 | 73.2 | 76.5 | 81.5 | 82.7 | 82.9 | 82.9 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 10 | 53.1 | 65.2 | 73.2 | 78.7 | 81.9 | 82.9 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 11 | 53.1 | 65.7 | 73.2 | 79.5 | 82.6 | 83.7 | 83.9 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 12 | 53.2 | 66.2 | 74.3 | 81.2 | 83.2 | 84.3 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 13 | 53.7 | 67.0 | 75.1 | 82.7 | 84.7 | 85.1 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| 14 | 53.7 | 68.1 | 76.2 | 82.9 | 85.3 | 86.4 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 15 | 54.5 | 69.5 | 77.1 | 82.9 | 85.3 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 16 | 54.7 | 69.5 | 77.6 | 83.4 | 86.9 | 87.9 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 17 | 55.3 | 70.3 | 78.3 | 84.0 | 85.3 | 89.4 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 18 | 55.3 | 71.1 | 79.6 | 85.5 | 89.7 | 90.1 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 19 | 55.3 | 71.2 | 80.9 | 87.2 | 90.7 | 91.3 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 20 | 55.7 | 73.2 | 82.5 | 88.8 | 91.3 | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| 21 | 57.0 | 74.0 | 83.4 | 89.8 | 93.5 | 94.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 22 | 57.0 | 74.3 | 83.9 | 90.2 | 94.2 | 95.4 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 23 | 57.2 | 74.7 | 84.3 | 90.9 | 95.2 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 24 | 57.2 | 75.2 | 84.4 | 91.3 | 95.9 | 97.1 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 25 | 57.2 | 75.1 | 84.6 | 91.9 | 96.4 | 98.1 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 26 | 57.2 | 75.3 | 84.9 | 92.3 | 96.8 | 98.7 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 27 | 57.2 | 75.3 | 85.1 | 92.5 | 97.4 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 28 | 57.2 | 75.3 | 85.1 | 92.5 | 97.4 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 29 | 57.2 | 75.3 | 85.1 | 92.5 | 97.4 | 99.1 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 512

CEILING VERSUS VISIBILITY

74-62

11

112-1421

TOTAL NUMBER OF OBSERVATIONS 91

CEILING VERSUS VISIBILITY

74-33

444

1-4-1724

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]TOTAL NUMBER OF OBSERVATIONS 514

CEILING VERSUS VISIBILITY

74-53

44

44-38861-2422

• 58 •

TOTAL NUMBER OF OBSERVATIONS 761

CEILING VERSUS VISIBILITY

74-27

44-2-2320

TOTAL NUMBER OF OBSERVATIONS 521

CEILING VERSUS VISIBILITY

74-22

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PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

[illegible]TOTAL NUMBER OF OBSERVATIONS 4759

CEILING VERSUS VISIBILITY

74-28

11-2-24

J. S. B. "C." A. "E." M. F. S.

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10.2 | 30.2 | 33.1 | 40.1 | 47.5 | 49.5 | 54.4 | 56.7 | 56.4 | 57.4 | 57.5 | 57.5 | 57.7 | 57.7 | 57.9 | 58.3 |
| 10.3 | 30.3 | 33.2 | 40.2 | 47.6 | 49.6 | 54.5 | 57.2 | 57.1 | 58.5 | 58.8 | 59.3 | 59.7 | 59.7 | 60.1 | 60.7 |
| 10.4 | 30.4 | 33.3 | 40.3 | 47.7 | 49.7 | 54.6 | 57.3 | 57.2 | 58.6 | 58.9 | 59.4 | 59.8 | 59.8 | 60.2 | 60.8 |
| 10.5 | 30.5 | 33.4 | 40.4 | 47.8 | 49.8 | 54.7 | 57.4 | 57.3 | 58.7 | 59.0 | 59.5 | 59.9 | 59.9 | 60.3 | 60.9 |
| 10.6 | 30.6 | 33.5 | 40.5 | 47.9 | 49.9 | 54.8 | 57.5 | 57.4 | 58.8 | 59.1 | 59.6 | 59.9 | 59.9 | 60.4 | 61.0 |
| 10.7 | 30.7 | 33.6 | 40.6 | 48.0 | 50.0 | 54.9 | 57.6 | 57.5 | 58.9 | 59.2 | 59.7 | 60.0 | 60.0 | 60.5 | 61.1 |
| 10.8 | 30.8 | 33.7 | 40.7 | 48.1 | 50.1 | 55.0 | 57.7 | 57.6 | 59.0 | 59.3 | 59.8 | 60.1 | 60.1 | 60.6 | 61.2 |
| 10.9 | 30.9 | 33.8 | 40.8 | 48.2 | 50.2 | 55.1 | 57.8 | 57.7 | 59.1 | 59.4 | 59.9 | 60.2 | 60.2 | 60.7 | 61.3 |
| 11.0 | 31.0 | 33.9 | 40.9 | 48.3 | 50.3 | 55.2 | 57.9 | 57.8 | 59.2 | 59.5 | 60.0 | 60.3 | 60.3 | 60.8 | 61.4 |
| 11.1 | 31.1 | 34.0 | 41.0 | 48.4 | 50.4 | 55.3 | 58.0 | 57.9 | 59.3 | 59.6 | 60.1 | 60.4 | 60.4 | 60.9 | 61.5 |
| 11.2 | 31.2 | 34.1 | 41.1 | 48.5 | 50.5 | 55.4 | 58.1 | 58.0 | 59.4 | 59.7 | 60.2 | 60.5 | 60.5 | 61.0 | 61.6 |
| 11.3 | 31.3 | 34.2 | 41.2 | 48.6 | 50.6 | 55.5 | 58.2 | 58.1 | 59.5 | 59.8 | 60.3 | 60.6 | 60.6 | 61.1 | 61.7 |
| 11.4 | 31.4 | 34.3 | 41.3 | 48.7 | 50.7 | 55.6 | 58.3 | 58.2 | 59.6 | 59.9 | 60.4 | 60.7 | 60.7 | 61.2 | 61.8 |
| 11.5 | 31.5 | 34.4 | 41.4 | 48.8 | 50.8 | 55.7 | 58.4 | 58.3 | 59.7 | 60.0 | 60.5 | 60.8 | 60.8 | 61.3 | 61.9 |
| 11.6 | 31.6 | 34.5 | 41.5 | 48.9 | 50.9 | 55.8 | 58.5 | 58.4 | 59.8 | 60.1 | 60.6 | 60.9 | 60.9 | 61.4 | 62.0 |
| 11.7 | 31.7 | 34.6 | 41.6 | 49.0 | 51.0 | 55.9 | 58.6 | 58.5 | 59.9 | 60.2 | 60.7 | 61.0 | 61.0 | 61.5 | 62.1 |
| 11.8 | 31.8 | 34.7 | 41.7 | 49.1 | 51.1 | 56.0 | 58.7 | 58.6 | 60.0 | 60.3 | 60.8 | 61.1 | 61.1 | 61.6 | 62.2 |
| 11.9 | 31.9 | 34.8 | 41.8 | 49.2 | 51.2 | 56.1 | 58.8 | 58.7 | 60.1 | 60.4 | 60.9 | 61.2 | 61.2 | 61.7 | 62.3 |
| 12.0 | 32.0 | 34.9 | 41.9 | 49.3 | 51.3 | 56.2 | 58.9 | 58.8 | 60.2 | 60.5 | 61.0 | 61.3 | 61.3 | 61.8 | 62.4 |
| 12.1 | 32.1 | 35.0 | 42.0 | 49.4 | 51.4 | 56.3 | 59.0 | 58.9 | 60.3 | 60.6 | 61.1 | 61.4 | 61.4 | 61.9 | 62.5 |
| 12.2 | 32.2 | 35.1 | 42.1 | 49.5 | 51.5 | 56.4 | 59.1 | 59.0 | 60.4 | 60.7 | 61.2 | 61.5 | 61.5 | 62.0 | 62.6 |
| 12.3 | 32.3 | 35.2 | 42.2 | 49.6 | 51.6 | 56.5 | 59.2 | 59.1 | 60.5 | 60.8 | 61.3 | 61.6 | 61.6 | 62.1 | 62.7 |
| 12.4 | 32.4 | 35.3 | 42.3 | 49.7 | 51.7 | 56.6 | 59.3 | 59.2 | 60.6 | 60.9 | 61.4 | 61.7 | 61.7 | 62.2 | 62.8 |
| 12.5 | 32.5 | 35.4 | 42.4 | 49.8 | 51.8 | 56.7 | 59.4 | 59.3 | 60.7 | 61.0 | 61.5 | 61.8 | 61.8 | 62.3 | 62.9 |
| 12.6 | 32.6 | 35.5 | 42.5 | 49.9 | 51.9 | 56.8 | 59.5 | 59.4 | 60.8 | 61.1 | 61.6 | 61.9 | 61.9 | 62.4 | 63.0 |
| 12.7 | 32.7 | 35.6 | 42.6 | 50.0 | 52.0 | 56.9 | 59.6 | 59.5 | 60.9 | 61.2 | 61.7 | 62.0 | 62.0 | 62.5 | 63.1 |
| 12.8 | 32.8 | 35.7 | 42.7 | 50.1 | 52.1 | 57.0 | 59.7 | 59.6 | 61.0 | 61.3 | 61.8 | 62.1 | 62.1 | 62.6 | 63.2 |
| 12.9 | 32.9 | 35.8 | 42.8 | 50.2 | 52.2 | 57.1 | 59.8 | 59.7 | 61.1 | 61.4 | 61.9 | 62.2 | 62.2 | 62.7 | 63.3 |
| 13.0 | 33.0 | 35.9 | 42.9 | 50.3 | 52.3 | 57.2 | 59.9 | 59.8 | 61.2 | 61.5 | 62.0 | 62.3 | 62.3 | 62.8 | 63.4 |
| 13.1 | 33.1 | 36.0 | 43.0 | 50.4 | 52.4 | 57.3 | 60.0 | 59.9 | 61.3 | 61.6 | 62.1 | 62.4 | 62.4 | 62.9 | 63.5 |
| 13.2 | 33.2 | 36.1 | 43.1 | 50.5 | 52.5 | 57.4 | 60.1 | 60.0 | 61.4 | 61.7 | 62.2 | 62.5 | 62.5 | 63.0 | 63.6 |
| 13.3 | 33.3 | 36.2 | 43.2 | 50.6 | 52.6 | 57.5 | 60.2 | 60.1 | 61.5 | 61.8 | 62.3 | 62.6 | 62.6 | 63.1 | 63.7 |
| 13.4 | 33.4 | 36.3 | 43.3 | 50.7 | 52.7 | 57.6 | 60.3 | 60.2 | 61.6 | 61.9 | 62.4 | 62.7 | 62.7 | 63.2 | 63.8 |
| 13.5 | 33.5 | 36.4 | 43.4 | 50.8 | 52.8 | 57.7 | 60.4 | 60.3 | 61.7 | 62.0 | 62.5 | 62.8 | 62.8 | 63.3 | 63.9 |
| 13.6 | 33.6 | 36.5 | 43.5 | 50.9 | 52.9 | 57.8 | 60.5 | 60.4 | 61.8 | 62.1 | 62.6 | 62.9 | 62.9 | 63.4 | 64.0 |
| 13.7 | 33.7 | 36.6 | 43.6 | 51.0 | 53.0 | 57.9 | 60.6 | 60.5 | 61.9 | 62.2 | 62.7 | 63.0 | 63.0 | 63.5 | 64.1 |
| 13.8 | 33.8 | 36.7 | 43.7 | 51.1 | 53.1 | 58.0 | 60.7 | 60.6 | 62.0 | 62.3 | 62.8 | 63.1 | 63.1 | 63.6 | 64.2 |
| 13.9 | 33.9 | 36.8 | 43.8 | 51.2 | 53.2 | 58.1 | 60.8 | 60.7 | 62.1 | 62.4 | 62.9 | 63.2 | 63.2 | 63.7 | 64.3 |
| 14.0 | 34.0 | 36.9 | 43.9 | 51.3 | 53.3 | 58.2 | 60.9 | 60.8 | 62.2 | 62.5 | 63.0 | 63.3 | 63.3 | 63.8 | 64.4 |
| 14.1 | 34.1 | 37.0 | 44.0 | 51.4 | 53.4 | 58.3 | 61.0 | 60.9 | 62.3 | 62.6 | 63.1 | 63.4 | 63.4 | 63.9 | 64.5 |
| 14.2 | 34.2 | 37.1 | 44.1 | 51.5 | 53.5 | 58.4 | 61.1 | 61.0 | 62.4 | 62.7 | 63.2 | 63.5 | 63.5 | 64.0 | 64.6 |
| 14.3 | 34.3 | 37.2 | 44.2 | 51.6 | 53.6 | 58.5 | 61.2 | 61.1 | 62.5 | 62.8 | 63.3 | 63.6 | 63.6 | 64.1 | 64.7 |
| 14.4 | 34.4 | 37.3 | 44.3 | 51.7 | 53.7 | 58.6 | 61.3 | 61.2 | 62.6 | 62.9 | 63.4 | 63.7 | 63.7 | 64.2 | 64.8 |
| 14.5 | 34.5 | 37.4 | 44.4 | 51.8 | 53.8 | 58.7 | 61.4 | 61.3 | 62.7 | 63.0 | 63.5 | 63.8 | 63.8 | 64.3 | 64.9 |
| 14.6 | 34.6 | 37.5 | 44.5 | 51.9 | 53.9 | 58.8 | 61.5 | 61.4 | 62.8 | 63.1 | 63.6 | 63.9 | 63.9 | 64.4 | 65.0 |
| 14.7 | 34.7 | 37.6 | 44.6 | 52.0 | 54.0 | 58.9 | 61.6 | 61.5 | 62.9 | 63.2 | 63.7 | 64.0 | 64.0 | 64.5 | 65.1 |
| 14.8 | 34.8 | 37.7 | 44.7 | 52.1 | 54.1 | 59.0 | 61.7 | 61.6 | 63.0 | 63.3 | 63.8 | 64.1 | 64.1 | 64.6 | 65.2 |
| 14.9 | 34.9 | 37.8 | 44.8 | 52.2 | 54.2 | 59.1 | 61.8 | 61.7 | 63.1 | 63.4 | 63.9 | 64.2 | 64.2 | 64.7 | 65.3 |
| 15.0 | 35.0 | 37.9 | 44.9 | 52.3 | 54.3 | 59.2 | 61.9 | 61.8 | 63.2 | 63.5 | 64.0 | 64.3 | 64.3 | 64.8 | 65.4 |
| 15.1 | 35.1 | 38.0 | 45.0 | 52.4 | 54.4 | 59.3 | 62.0 | 61.9 | 63.3 | 63.6 | 64.1 | 64.4 | 64.4 | 64.9 | 65.5 |
| 15.2 | 35.2 | 38.1 | 45.1 | 52.5 | 54.5 | 59.4 | 62.1 | 62.0 | 63.4 | 63.7 | 64.2 | 64.5 | 64.5 | 65.0 | 65.6 |
| 15.3 | 35.3 | 38.2 | 45.2 | 52.6 | 54.6 | 59.5 | 62.2 | 62.1 | 63.5 | 63.8 | 64.3 | 64.6 | 64.6 | 65.1 | 65.7 |
| 15.4 | 35.4 | 38.3 | 45.3 | 52.7 | 54.7 | 59.6 | 62.3 | 62.2 | 63.6 | 63.9 | 64.4 | 64.7 | 64.7 | 65.2 | 65.8 |
| 15.5 | 35.5 | 38.4 | 45.4 | 52.8 | 54.8 | 59.7 | 62.4 | 62.3 | 63.7 | 64.0 | 64.5 | 64.8 | 64.8 | 65.3 | 65.9 |
| 15.6 | 35.6 | 38.5 | 45.5 | 52.9 | 54.9 | 59.8 | 62.5 | 62.4 | 63.8 | 64.1 | 64.6 | 64.9 | 64.9 | 65.4 | 66.0 |
| 15.7 | 35.7 | 38.6 | 45.6 | 53.0 | 55.0 | 59.9 | 62.6 | 62.5 | 63.9 | 64.2 | 64.7 | 65.0 | 65.0 | 65.5 | 66.1 |
| 15.8 | 35.8 | 38.7 | 45.7 | 53.1 | 55.1 | 60.0 | 62.7 | 62.6 | 64.0 | 64.3 | 64.8 | 65.1 | 65.1 | 65.6 | 66.2 |
| 15.9 | 35.9 | 38.8 | 45.8 | 53.2 | 55.2 | 60.1 | 62.8 | 62.7 | 64.1 | 64.4 | 64.9 | 65.2 | 65.2 | 65.7 | 66.3 |
| 16.0 | 36.0 | 38.9 | 45.9 | 53.3 | 55.3 | 60.2 | 62.9 | 62.8 | 64.2 | 64.5 | 65.0 | 65.3 | 65.3 | 65.8 | 66.4 |
| 16.1 | 36.1 | 39.0 | 46.0 | 53.4 | 55.4 | 60.3 | 63.0 | 62.9 | 64.3 | 64.6 | 65.1 | 65.4 | 65.4 | 65.9 | 66.5 |
| 16.2 | 36.2 | 39.1 | 46.1 | 53.5 | 55.5 | 60.4 | 63.1 | 63.0 | 64.4 | 64.7 | 65.2 | 65.5 | 65.5 | 66.0 | 66.6 |
| 16.3 | 36.3 | 39.2 | 46.2 | 53.6 | 55.6 | 60.5 | 63.2 | 63.1 | 64.5 | 64.8 | 65.3 | 65.6 | 65.6 | 66.1 | 66.7 |
| 16.4 | 36.4 | 39.3 | 46.3 | 53.7 | 55.7 | 60.6 | 63.3 | 63.2 | 64.6 | 64.9 | 65.4 | 65.7 | 65.7 | 66.2 | 66.8 |
| 16.5 | 36.5 | 39.4 | 46.4 | 53.8 | 55.8 | 60.7 | 63.4 | 63.3 | 64.7 | 65.0 | 65.5 | 65.8 | 65.8 | 66.3 | 66.9 |
| 16.6 | 36.6 | 39.5 | 46.5 | 53.9 | 55.9 | 60.8 | 63.5 | 63.4 | 64.8 | 65.1 | 65.6 | 65.9 | 65.9 | 66.4 | 67.0 |
| 16.7 | 36.7 | 39.6 | 46.6 | 54.0 | 56.0 | 60.9 | 63.6 | 63.5 | 64.9 | 65.2 | 65.7 | 66.0 | 66.0 | 66.5 | 67.1 |
| 16.8 | 36.8 | 39.7 | 46.7 | 54.1 | 56.1 | 61.0 | 63.7 | 63.6 | 65.0 | 65.3 | 65.8 | 66.1 | 66.1 | 66.6 | 67.2 |
| 16.9 | 36.9 | 39.8 | 46.8 | 54.2 | 56.2 | 61.1 | 63.8 | 63.7 | 65.1 | 65.4 | 65.9 | 66.2 | 66.2 | 66.7 | 67.3 |
| 17.0 | 37.0 | 39.9 | 46.9 | 54.3 | 56.3 | 61.2 | 63.9 | 63.8 | 65.2 | 65.5 | 66.0 | 66.3 | 66.3 | 66.8 | 67.4 |
| 17.1 | 37.1 | 40.0 | 47.0 | 54.4 | 56.4 | 61.3 | 64.0 | 63.9 | 65.3 | 65.6 | 66.1 | 66.4 | 66.4 | 66.9 | 67.5 |
| 17.2 | 37.2 | 40.1 | 47.1 | 54.5 | 56.5 | 61.4 | 64.1 | 64.0 | 65.4 | 65.7 | 66.2 | 66.5 | 66.5 | 67.0 | 67.6 |
| 17.3 | 37.3 | 40.2 | 47.2 | 54.6 | 56.6 | 61.5 | 64.2 | 64.1 | 65.5 | 65.8 | 66.3 | 66.6 | 66.6 | 67.1 | 67.7 |
| 17.4 | 37.4 | 40.3 | 47.3 | 54.7 | 56.7 | 61.6 | 64.3 | 64.2 | 65.6 | 65.9 | 66.4 | 66.7 | 66.7 | 67.2 | 67.8 |
| 17.5 | 37.5 | 40.4 | 47.4 | 54.8 | 56.8 | 61.7 | 64.4 | 64.3 | 65.7 | 66.0 | 66.5 | 66.8 | 66.8 | 67.3 | 67.9 |
| 17.6 | 37.6 | 40.5 | 47.5 | 54.9 | 56.9 | 61.8 | 64.5 | 64.4 | 65.8 | 66.1 | 66.6 | 66.9 | 66.9 | 67.4 | 68.0 |
| 17.7 | 37.7 | 40.6 | 47.6 | 55.0 | 57.0 | 61.9 | 64.6 | 64.5 | 65.9 | 66.2 | 66.7 | 67.0 | 67.0 | 67.5 | 68.1 |
| 17.8 | 37.8 | 40.7 | 47.7 | 55.1 | 57.1 | 62.0 | 64.7 | 64.6 | 66.0 | 66.3 | 66.8 | 67.1 | 67.1 | 67.6 | 68.2 |
| 17.9 | 37.9 | 40.8 | 47.8 | 55.2 | 57.2 | 62.1 | 64.8 | 64.7 | 66.1 | 66.4 | 66.9 | 67.2 | 67.2 | 67.7 | 68.3 |
| 18.0 | 38.0 | 40.9 | 47.9 | 55.3 | 57.3 | 62.2 | 64.9 | 64.8 | 66.2 | 66.5 | 67.0 | 67.3 | 67.3 | 67.8 | 68.4 |
| 18.1 | 38.1 | 41.0 | 48.0 | 55.4 | 57.4 | 62.3 | 65.0 | 64.9 | 66.3 | 66.6 | 67.1 | 67.4 | 67.4 | 67.9 | 68.5 |
| 18.2 | 38.2 | 41.1 | 48.1 | 55.5 | 57.5 | 62.4 | 65.1 | 65.0 | 66.4 | 66.7 | 67.2 | 67.5 | 67.5 | 68.0 | 68.6 |
| 18.3 | 38.3 | 41.2 | 48.2 | 55.6 | 57.6 | 62.5 | 65.2 | 65.1 | 66.5 | 66.8 | 67.3 | 67.6 | 67.6 | 68.1 | 68.7 |
| 18.4 | 38.4 | 41.3 | 48.3 | 55.7 | 57.7 | 62.6 | 65.3 | 65.2 | 66.6 | 66.9 | 67.4 | 67.7 | 67.7 | 68.2 | 68.8 |
| 18.5 | 38.5 | 41.4 | 48.4 | 55.8 | 57.8 | 62.7 | 65.4 | 65.3 | 66.7 | 67.0 | | | | | |

TOTAL NUMBER OF OBSERVATIONS 477

CEILING VERSUS VISIBILITY

74 - 7

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11-5-142-

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[illegible]TOTAL NUMBER OF OBSERVATIONS 93

CEILING VERSUS VISIBILITY

7. 4. 19

14

- 11 -

TOTAL NUMBER OF OBSERVATIONS 524

CEILING VERSUS VISIBILITY

74-23

44-38861-1000

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TOTAL NUMBER OF OBSERVATIONS 771

CEILING VERSUS VISIBILITY

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-1-2-230-

[illegible]TOTAL NUMBER OF OBSERVATIONS 505

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ALL

1. 10. 1964

TOTAL NUMBER OF OBSERVATIONS 4632

ALBANY, NEW YORK
 10-10-50
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CEILING VERSUS VISIBILITY

STATION NAME
 10-10-50

10-10-50

10-10-50

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

10-10-50

| | | WIND DIRECTION (DEGREES) | | | | | | | | | | | | | | | |
|----------|----------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 |
| 10-10-50 | 10-10-50 | 10.0 | 21.0 | 27.4 | 37.0 | 38.5 | 37.7 | 39.7 | 40.7 | 41.7 | 41.9 | 42.7 | 42.0 | 40.7 | 42.4 | 47.0 | 43.3 |
| 10-10-50 | 10-10-50 | 1.3 | 26.8 | 33.7 | 36.9 | 47.2 | 45.0 | 47.7 | 48.0 | 48.5 | 49.4 | 49.5 | 49.8 | 49.9 | 50.0 | 50.6 | 51.2 |
| 10-10-50 | 10-10-50 | 1.3 | 26.8 | 33.7 | 36.9 | 47.2 | 45.0 | 47.7 | 48.0 | 48.5 | 49.4 | 49.5 | 49.8 | 49.8 | 50.0 | 50.6 | 51.2 |
| 10-10-50 | 10-10-50 | 1.3 | 26.8 | 33.3 | 36.9 | 45.2 | 45.0 | 47.0 | 46.2 | 48.5 | 49.4 | 49.5 | 49.8 | 49.8 | 50.0 | 50.6 | 51.2 |
| 10-10-50 | 10-10-50 | 1.3 | 26.8 | 33.4 | 37.1 | 47.3 | 45.1 | 47.1 | 48.3 | 48.6 | 49.5 | 49.6 | 49.8 | 49.8 | 50.0 | 50.6 | 51.3 |
| 10-10-50 | 10-10-50 | 14.1 | 26.4 | 35.4 | 37.1 | 44.4 | 47.4 | 48.5 | 50.5 | 51.1 | 52.3 | 52.1 | 52.1 | 52.4 | 52.6 | 53.2 | 53.3 |
| 10-10-50 | 10-10-50 | 1.3 | 31.0 | 40.1 | 44.4 | 50.0 | 53.8 | 56.2 | 57.6 | 58.2 | 59.1 | 59.3 | 59.3 | 59.5 | 59.7 | 60.5 | 61.0 |
| 10-10-50 | 10-10-50 | 1.6 | 32.7 | 41.0 | 45.2 | 51.3 | 54.4 | 57.0 | 58.4 | 59.1 | 60.0 | 60.1 | 60.1 | 60.3 | 60.6 | 61.3 | 61.5 |
| 10-10-50 | 10-10-50 | 1.3 | 34.7 | 44.7 | 48.9 | 55.8 | 59.5 | 62.4 | 63.3 | 64.5 | 65.4 | 65.6 | 65.6 | 65.8 | 66.0 | 66.7 | 67.3 |
| 10-10-50 | 10-10-50 | 1.5 | 35.0 | 44.5 | 49.2 | 56.1 | 60.0 | 62.7 | 64.5 | 65.1 | 66.0 | 66.2 | 66.2 | 66.4 | 66.6 | 67.3 | 67.9 |
| 10-10-50 | 10-10-50 | 1.5 | 35.0 | 44.5 | 49.2 | 56.1 | 60.0 | 62.7 | 64.5 | 65.1 | 66.0 | 66.3 | 66.3 | 66.5 | 66.7 | 67.5 | 68.1 |
| 10-10-50 | 10-10-50 | 16.0 | 35.6 | 45.1 | 50.1 | 57.1 | 61.0 | 63.8 | 65.6 | 66.2 | 67.2 | 67.3 | 67.3 | 67.4 | 67.8 | 68.5 | 69.1 |
| 10-10-50 | 10-10-50 | 17.2 | 38.2 | 45.7 | 51.7 | 57.7 | 61.6 | 64.5 | 66.3 | 66.9 | 67.9 | 68.1 | 68.1 | 68.3 | 68.5 | 69.2 | 69.8 |
| 10-10-50 | 10-10-50 | 17.2 | 38.7 | 46.3 | 51.3 | 56.6 | 62.0 | 65.4 | 67.2 | 67.8 | 68.9 | 69.1 | 69.1 | 69.4 | 69.6 | 70.3 | 70.9 |
| 10-10-50 | 10-10-50 | 17.3 | 7.6 | 47.4 | 52.5 | 65.2 | 64.3 | 67.2 | 69.0 | 69.5 | 70.7 | 70.9 | 71.0 | 71.3 | 71.5 | 72.2 | 72.0 |
| 10-10-50 | 10-10-50 | 17.3 | 38.4 | 47.2 | 53.4 | 61.3 | 65.3 | 68.3 | 70.1 | 70.7 | 71.7 | 72.0 | 72.0 | 72.3 | 72.6 | 73.3 | 73.9 |
| 10-10-50 | 10-10-50 | 17.1 | 39.0 | 48.0 | 54.4 | 62.5 | 66.5 | 69.6 | 71.4 | 72.0 | 73.0 | 73.3 | 73.3 | 73.6 | 73.9 | 74.6 | 75.0 |
| 10-10-50 | 10-10-50 | 17.0 | 39.5 | 48.0 | 55.5 | 64.0 | 68.1 | 71.3 | 73.0 | 73.5 | 74.8 | 75.1 | 75.1 | 75.4 | 75.7 | 76.4 | 77.0 |
| 10-10-50 | 10-10-50 | 17.0 | 39.5 | 48.0 | 55.5 | 64.1 | 68.2 | 71.4 | 73.2 | 73.8 | 74.9 | 75.2 | 75.2 | 75.5 | 75.8 | 76.5 | 77.1 |
| 10-10-50 | 10-10-50 | 17.0 | 40.4 | 50.3 | 56.4 | 65.1 | 69.2 | 72.7 | 74.5 | 75.1 | 76.2 | 76.5 | 76.5 | 76.8 | 77.1 | 77.8 | 78.4 |
| 10-10-50 | 10-10-50 | 17.0 | 40.7 | 51.2 | 56.6 | 65.4 | 69.6 | 73.0 | 74.9 | 75.5 | 76.7 | 77.0 | 77.0 | 77.3 | 77.6 | 78.3 | 78.9 |
| 10-10-50 | 10-10-50 | 17.0 | 41.2 | 51.8 | 57.6 | 66.4 | 70.7 | 74.2 | 76.1 | 76.7 | 77.9 | 78.1 | 78.1 | 78.5 | 78.7 | 79.5 | 80.0 |
| 10-10-50 | 10-10-50 | 17.1 | 41.7 | 52.4 | 58.3 | 67.1 | 71.6 | 75.2 | 77.2 | 77.8 | 79.0 | 79.3 | 79.3 | 79.7 | 79.9 | 80.6 | 81.2 |
| 10-10-50 | 10-10-50 | 17.1 | 42.5 | 53.2 | 59.3 | 68.3 | 72.7 | 76.4 | 78.4 | 79.0 | 80.2 | 80.5 | 80.5 | 80.9 | 81.1 | 81.8 | 82.4 |
| 10-10-50 | 10-10-50 | 17.4 | 42.5 | 54.0 | 60.5 | 69.7 | 74.5 | 78.6 | 81.0 | 81.7 | 82.9 | 83.3 | 83.3 | 83.6 | 83.9 | 84.6 | 85.2 |
| 10-10-50 | 10-10-50 | 17.4 | 42.5 | 54.4 | 61.2 | 71.1 | 76.1 | 80.5 | 83.0 | 83.7 | 84.9 | 85.4 | 85.4 | 85.7 | 86.0 | 86.7 | 87.3 |
| 10-10-50 | 10-10-50 | 17.4 | 43.1 | 55.0 | 61.8 | 72.1 | 77.8 | 82.5 | 85.0 | 85.9 | 87.2 | 87.6 | 87.6 | 88.0 | 88.2 | 88.9 | 89.7 |
| 10-10-50 | 10-10-50 | 17.4 | 43.3 | 55.2 | 62.1 | 72.2 | 79.3 | 84.2 | 87.2 | 88.4 | 89.8 | 90.4 | 90.4 | 90.7 | 91.0 | 91.8 | 92.5 |
| 10-10-50 | 10-10-50 | 17.4 | 43.3 | 55.2 | 62.2 | 73.4 | 79.8 | 85.7 | 89.0 | 90.4 | 92.3 | 93.1 | 93.1 | 93.7 | 93.9 | 94.6 | 95.0 |
| 10-10-50 | 10-10-50 | 17.4 | 43.3 | 55.2 | 62.2 | 73.4 | 79.9 | 85.3 | 89.3 | 91.0 | 93.0 | 94.2 | 94.2 | 94.9 | 95.4 | 96.5 | 97.5 |
| 10-10-50 | 10-10-50 | 17.4 | 43.3 | 55.2 | 62.2 | 73.4 | 79.9 | 85.3 | 89.3 | 91.1 | 93.2 | 94.4 | 94.4 | 95.4 | 95.5 | 97.6 | 99.9 |
| 10-10-50 | 10-10-50 | 17.4 | 43.3 | 55.2 | 62.2 | 73.4 | 79.9 | 85.3 | 89.3 | 91.1 | 93.2 | 94.4 | 94.4 | 95.4 | 95.5 | 97.6 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 542

12.1.5 CENTRE 4 20 30

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• SUBMIT STATE VOTES

TOTAL NUMBER OF OBSERVATIONS 891

CEILING VERSUS VISIBILITY

74-13

232

122-1424

• 50 • S. A. F. M. E.

TOTAL NUMBER OF OBSERVATIONS 620

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-27

5:2

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| | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 |
| 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 |
| 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 | 51.7 | 51.8 | 51.9 | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 |
| 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 |
| 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 |
| 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 |
| 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 |
| 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 |
| 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 |
| 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 |
| 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 |
| 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 |
| 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 |
| 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 |
| 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 |
| 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 |
| 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 |
| 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 |
| 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 |
| 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 |
| 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 |
| 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 |
| 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 |
| 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 |
| 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 |
| 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 |
| 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 |
| 101.1 | 101.2 | 101.3 | 101.4 | 101.5 | 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 |
| 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 | 104.6 | 104.7 | 104.8 | 104.9 | 105.0 |
| 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 | 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 |
| 107.1 | 107.2 | 107.3 | 107.4 | 107.5 | 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 |
| 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 | 110.6 | 110.7 | 110.8 | 110.9 | 111.0 |
| 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 | 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 |
| 113.1 | 113.2 | 113.3 | 113.4 | 113.5 | 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 |
| 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 | 116.6 | 116.7 | 116.8 | 116.9 | 117.0 |
| 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 | 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 |
| 119.1 | 119.2 | 119.3 | 119.4 | 119.5 | 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 |
| 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 | 122.6 | 122.7 | 122.8 | 122.9 | 123.0 |
| 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 | 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 |
| 125.1 | 125.2 | 125.3 | 125.4 | 125.5 | 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 |
| 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 | 128.6 | 128.7 | 128.8 | 128.9 | 129.0 |
| 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 | 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 |
| 131.1 | 131.2 | 131.3 | 131.4 | 131.5 | 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 132.5 | 132.6 | 132.7 | 132.8 | 132.9 | 133.0 |
| 133.1 | 133.2 | 133.3 | 133.4 | 133.5 | 133.6 | 133.7 | 133.8 | 133.9 | 134.0 | 134.1 | 134.2 | 134.3 | 134.4 | 134.5 | 134.6 | 134.7 | 134.8 | 134.9 | 135.0 |
| 135.1 | 135.2 | 135.3 | 135.4 | 135.5 | 135.6 | 135.7 | 135.8 | 135.9 | 136.0 | 136.1 | 136.2 | 136.3 | 136.4 | 136.5 | 136.6 | 136.7 | 136.8 | 136.9 | 137.0 |
| 137.1 | 137.2 | 137.3 | 137.4 | 137.5 | 137.6 | 137.7 | 137.8 | 137.9 | 138.0 | 138.1 | 138.2 | 138.3 | 138.4 | 138.5 | 138.6 | 138.7 | 138.8 | 138.9 | 139.0 |
| 139.1 | 139.2 | 139.3 | 139.4 | 139.5 | 139.6 | 139.7 | 139.8 | 139.9 | 140.0 | 140.1 | 140.2 | 140.3 | 140.4 | 140.5 | 140.6 | 140.7 | 140.8 | 140.9 | 141.0 |
| 141.1 | 141.2 | 141.3 | 141.4 | 141.5 | 141.6 | 141.7 | 141.8 | 141.9 | 142.0 | 142.1 | 142.2 | 142.3 | 142.4 | 142.5 | 142.6 | 142.7 | 142.8 | 142.9 | 143.0 |
| 143.1 | 143.2 | 143.3 | 143.4 | 143.5 | 143.6 | 143.7 | 143.8 | 143.9 | 144.0 | 144.1 | 144.2 | 144.3 | 144.4 | 144.5 | 144.6 | 144.7 | 144.8 | 144.9 | 145.0 |
| 145.1 | 145.2 | 145.3 | 145.4 | 145.5 | 145.6 | 145.7 | 145.8 | 145.9 | 146.0 | 146.1 | 146.2 | 146.3 | 146.4 | 146.5 | 146.6 | 146.7 | 146.8 | 146.9 | 147.0 |
| 147.1 | 147.2 | 147.3 | 147.4 | 147.5 | 147.6 | 147.7 | 147.8 | 147.9 | 148.0 | 148.1 | 148.2 | 148.3 | 148.4 | 148.5 | 148.6 | 148.7 | 148.8 | 148.9 | 149.0 |
| 149.1 | 149.2 | 149.3 | 149.4 | 149.5 | 149.6 | 149.7 | 149.8 | 149.9 | 150.0 | 150.1 | 150.2 | 150.3 | 150.4 | 150.5 | 150.6 | 150.7 | 150.8 | 150.9 | 151.0 |
| 151.1 | 151.2 | 151.3 | 151.4 | 151.5 | 151.6 | 151.7 | 151.8 | 151.9 | 152.0 | 152.1 | 152.2 | 152.3 | 152.4 | 152.5 | 152.6 | 152.7 | 152.8 | 152.9 | 153.0 |
| 153.1 | 153.2 | 153.3 | 153.4 | 153.5 | 153.6 | 153.7 | 153.8 | 153.9 | 154.0 | 154.1 | 154.2 | 154.3 | 154.4 | 154.5 | 154.6 | 154.7 | 154.8 | 154.9 | 155.0 |
| 155.1 | 155.2 | 155.3 | 155.4 | 155.5 | 155.6 | 155.7 | 155.8 | 155.9 | 156.0 | 156.1 | 156.2 | 156.3 | 156.4 | 156.5 | 156.6 | 156.7 | 156.8 | 156.9 | 157.0 |
| 157.1 | 157.2 | 157.3 | 157.4 | 157.5 | 157.6 | 157.7 | 157.8 | 157.9 | 158.0 | 158.1 | 158.2 | 158.3 | 158.4 | 158.5 | 158.6 | 158.7 | 158.8 | 158.9 | 159.0 |
| 159.1 | 159.2 | 159.3 | 159.4 | 159.5 | 159.6 | 159.7 | 159.8 | 159.9 | 160.0 | 160.1 | 160.2 | 160.3 | 160.4 | 160.5 | 160.6 | 160.7 | 160.8 | 160.9 | 161.0 |
| 161.1 | 161.2 | 161.3 | 161.4 | 161.5 | 161.6 | 161.7 | 161.8 | 161.9 | 162.0 | 162.1 | 162.2 | 162.3 | 162.4 | 162.5 | 162.6 | 162.7 | 162.8 | 162.9 | 163.0 |
| 163.1 | 163.2 | 163.3 | 163.4 | 163.5 | 163.6 | 163.7 | 163.8 | 163.9 | 164.0 | 164.1 | 164.2 | 164.3 | 164.4 | 164.5 | 164.6 | 164.7 | 164.8 | 164.9 | 165.0 |
| 165.1 | 165.2 | 165.3 | 165.4 | 165.5 | 165.6 | 165.7 | 165.8 | 165.9 | 166.0 | 166.1 | 166.2 | 166.3 | 166.4 | 166.5 | 166.6 | 166.7 | 166.8 | 166.9 | 167.0 |
| 167.1 | 167.2 | 167.3 | 167.4 | 167.5 | 167.6 | 167.7 | 167.8 | 167.9 | 168.0 | 168.1 | 168.2 | 168.3 | 168.4 | 168.5 | 168.6 | 168.7 | 168.8 | 168.9 | 169.0 |
| 169.1 | 169.2 | 169.3 | 169.4 | 169.5 | 169.6 | 169.7 | 169.8 | 169.9 | 170.0 | 170.1 | 170.2 | 170.3 | 170.4 | 170.5 | 170.6 | 170.7 | 170.8 | 170.9 | 171.0 |
| 171.1 | 171.2 | 171.3 | 171.4 | 171.5 | 171.6 | 171.7 | 171.8 | 171.9 | 172.0 | 172.1 | 172.2 | 172.3 | 172.4 | 172.5 | 172.6 | 172.7 | 172.8 | 172.9 | 173.0 |
| 173.1 | 173.2 | 173.3 | 173.4 | 173.5 | 173.6 | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 79

CEILING VERSUS VISIBILITY

74-62

- 55 -

44-242

TOTAL NUMBER OF OBSERVATIONS 741

CEILING VERSUS VISIBILITY

242

- 4 - 2 - 2 4 0 0

[illegible]TOTAL NUMBER OF OBSERVATIONS 49

CEILING VERSUS VISIBILITY

74-13

١٥٦

ALL

• 500 •

| | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.4 | 42.7 | 48.3 | 48.4 | 47.4 | 47.7 | 48.2 | 48.4 | 48.4 | 48.6 | 48.7 | 48.6 | 48.7 | 48.7 | 48.8 | 48.9 |
| 3.7 | 54.3 | 57.6 | 59.3 | 58.2 | 60.8 | 61.1 | 61.4 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.8 | 61.9 | 62.0 |
| 3.7 | 54.4 | 57.7 | 59.1 | 57.3 | 60.9 | 61.2 | 61.5 | 61.5 | 61.3 | 61.3 | 61.3 | 61.8 | 61.9 | 62.0 | 62.1 |
| 3.7 | 54.4 | 57.7 | 59.1 | 57.3 | 60.9 | 61.2 | 61.5 | 61.6 | 61.5 | 61.5 | 61.5 | 61.6 | 61.9 | 62.0 | 62.1 |
| 1.5 | 54.5 | 57.2 | 59.2 | 57.5 | 61.0 | 61.4 | 61.7 | 61.7 | 61.7 | 61.9 | 61.9 | 62.0 | 62.0 | 62.1 | 62.2 |
| 1.4 | 56.7 | 60.1 | 61.5 | 62.8 | 63.3 | 63.7 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.5 | 64.6 |
| 4.5 | 62.5 | 65.4 | 68.1 | 67.6 | 70.2 | 70.7 | 71.0 | 71.1 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.6 | 71.7 |
| 4.7 | 63.2 | 67.0 | 68.7 | 70.3 | 70.9 | 71.4 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.4 |
| 4.7 | 63.8 | 69.1 | 71.6 | 73.6 | 74.4 | 74.9 | 75.3 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.9 |
| 4.5 | 66.2 | 70.4 | 72.3 | 74.1 | 74.6 | 75.4 | 75.9 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.4 | 76.5 |
| 4.6 | 68.3 | 72.5 | 72.4 | 74.2 | 75.0 | 75.6 | 76.0 | 76.1 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.7 |
| 4.7 | 70.0 | 73.3 | 73.3 | 75.1 | 75.9 | 76.5 | 76.9 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 | 77.6 |
| 4.7 | 63.1 | 72.4 | 74.5 | 76.4 | 77.2 | 77.8 | 78.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.9 | 78.9 |
| 4.7 | 69.3 | 73.9 | 75.9 | 76.7 | 78.8 | 79.4 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.4 | 80.6 |
| 5.7 | 70.5 | 75.1 | 77.3 | 79.4 | 80.5 | 80.7 | 81.4 | 81.5 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 82.0 | 82.1 |
| 5.6 | 71.6 | 76.4 | 78.7 | 80.9 | 81.7 | 82.3 | 82.8 | 83.0 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.5 | 83.6 |
| 1.1 | 72.3 | 77.4 | 79.7 | 82.1 | 82.9 | 83.6 | 84.1 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.6 | 84.7 | 84.8 |
| 5.1 | 73.6 | 79.9 | 81.5 | 84.7 | 84.9 | 85.6 | 86.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 | 86.8 |
| 5.1 | 73.6 | 79.1 | 81.7 | 84.2 | 85.2 | 85.9 | 86.3 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 87.0 | 87.1 |
| 2.3 | 74.6 | 80.2 | 82.8 | 85.6 | 86.5 | 87.2 | 87.7 | 87.8 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.4 | 88.5 |
| 5.2 | 76.0 | 81.5 | 84.3 | 87.1 | 88.1 | 88.9 | 89.4 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 90.1 | 90.2 |
| 7.1 | 76.7 | 82.4 | 85.4 | 88.3 | 89.4 | 90.2 | 90.8 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.5 |
| 7.4 | 77.4 | 83.1 | 86.2 | 89.3 | 90.5 | 91.2 | 91.9 | 92.5 | 92.3 | 92.4 | 92.4 | 92.4 | 92.5 | 92.6 | 92.7 |
| 7.5 | 77.8 | 83.6 | 86.7 | 89.9 | 91.1 | 92.1 | 92.8 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.5 | 93.6 |
| 7.4 | 78.1 | 84.0 | 87.3 | 90.6 | 92.1 | 93.0 | 94.1 | 94.2 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.8 |
| 3.6 | 78.2 | 84.3 | 87.7 | 91.2 | 92.7 | 94.0 | 95.0 | 95.2 | 95.3 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 |
| 3.6 | 78.2 | 84.5 | 87.9 | 91.5 | 93.3 | 94.9 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 97.0 |
| 7.6 | 78.3 | 84.6 | 88.0 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.5 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 |
| 7.6 | 78.3 | 84.5 | 87.9 | 91.9 | 93.9 | 95.6 | 96.9 | 97.4 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 4644

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

44-38861-2400

• 58 •

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 7.2 | 44.2 | 44.2 | 71.7 | 50.9 | 52.2 | 54.3 | 54.6 | 54.3 | 55.1 | 55.7 | 55.2 | 55.3 | 55.3 | 55.2 | 55.2 |
| 27.2 | 50.2 | 55.4 | 57.7 | 55.9 | 55.0 | 61.9 | 62.3 | 62.6 | 62.6 | 63.1 | 63.1 | 63.5 | 63.5 | 64.4 | 65.0 |
| 27.7 | 55.2 | 55.4 | 57.7 | 55.9 | 55.0 | 61.9 | 62.3 | 62.6 | 62.6 | 63.1 | 63.1 | 63.5 | 63.5 | 64.4 | 65.0 |
| 27.4 | 50.4 | 55.5 | 57.5 | 55.7 | 55.7 | 62.7 | 62.5 | 62.7 | 63.0 | 63.2 | 63.2 | 63.4 | 63.4 | 64.6 | 65.7 |
| 27.1 | 50.1 | 57.4 | 59.0 | 60.2 | 62.0 | 64.1 | 64.5 | 64.2 | 65.1 | 65.3 | 65.3 | 65.8 | 65.8 | 66.3 | 66.1 |
| 27.3 | 55.1 | 61.4 | 64.7 | 65.5 | 67.4 | 69.6 | 69.1 | 69.5 | 69.6 | 70.0 | 70.0 | 70.5 | 70.5 | 71.5 | 72.7 |
| 27.1 | 55.2 | 61.5 | 64.2 | 65.2 | 67.7 | 69.9 | 69.4 | 69.8 | 70.7 | 70.2 | 70.2 | 70.7 | 70.7 | 71.7 | 73.1 |
| 27.5 | 57.0 | 65.2 | 67.5 | 71.4 | 71.5 | 72.7 | 73.5 | 74.0 | 74.2 | 74.6 | 74.6 | 75.2 | 75.2 | 76.2 | 77.4 |
| 27.0 | 59.5 | 65.8 | 68.4 | 71.4 | 72.5 | 73.7 | 74.4 | 74.9 | 75.3 | 75.7 | 75.7 | 76.3 | 76.3 | 77.3 | 78.0 |
| 27.3 | 59.5 | 66.8 | 69.4 | 72.3 | 73.5 | 74.8 | 75.5 | 76.0 | 76.4 | 76.5 | 76.5 | 77.4 | 77.4 | 78.4 | 79.0 |
| 27.4 | 59.5 | 67.3 | 69.5 | 72.7 | 73.5 | 75.2 | 75.2 | 76.4 | 76.8 | 77.7 | 77.2 | 77.8 | 77.8 | 77.8 | 80.0 |
| 27.0 | 51.7 | 62.1 | 70.5 | 73.6 | 74.7 | 76.7 | 76.7 | 77.4 | 77.8 | 78.1 | 78.1 | 78.8 | 78.8 | 79.3 | 81.0 |
| 27.5 | 52.1 | 65.4 | 71.2 | 74.2 | 75.3 | 76.7 | 77.5 | 78.0 | 78.4 | 78.8 | 78.8 | 79.4 | 79.4 | 80.4 | 81.0 |
| 27.0 | 52.6 | 60.4 | 71.9 | 74.8 | 75.9 | 77.3 | 78.3 | 78.3 | 79.1 | 79.5 | 79.5 | 80.1 | 80.1 | 81.1 | 82.3 |
| 27.5 | 53.7 | 70.5 | 73.1 | 76.4 | 77.5 | 78.9 | 79.9 | 80.4 | 80.7 | 81.1 | 81.1 | 81.7 | 81.7 | 82.7 | 84.0 |
| 27.0 | 54.1 | 71.0 | 73.5 | 76.8 | 78.0 | 79.4 | 80.4 | 80.9 | 81.2 | 81.6 | 81.6 | 82.2 | 82.2 | 83.2 | 84.4 |
| 27.0 | 54.2 | 71.2 | 73.7 | 77.7 | 78.3 | 79.5 | 80.6 | 81.1 | 81.5 | 81.9 | 81.9 | 82.5 | 82.5 | 83.5 | 84.7 |
| 27.5 | 55.4 | 72.5 | 75.2 | 78.5 | 79.6 | 81.1 | 82.2 | 82.2 | 83.2 | 83.6 | 83.6 | 84.2 | 84.2 | 85.2 | 86.4 |
| 27.4 | 56.2 | 73.4 | 76.3 | 79.9 | 81.1 | 82.6 | 84.0 | 84.5 | 84.9 | 85.7 | 85.3 | 85.9 | 85.9 | 86.9 | 88.1 |
| 27.5 | 56.8 | 74.3 | 77.5 | 81.1 | 82.5 | 84.1 | 85.4 | 86.0 | 86.4 | 86.8 | 86.8 | 87.4 | 87.4 | 88.4 | 89.5 |
| 27.5 | 56.4 | 74.4 | 77.8 | 81.4 | 82.5 | 84.3 | 85.7 | 86.3 | 86.7 | 87.7 | 87.7 | 88.7 | 88.7 | 89.5 | 89.9 |
| 27.7 | 7.3 | 75.2 | 78.6 | 82.7 | 84.2 | 85.9 | 87.3 | 87.9 | 88.3 | 88.6 | 88.6 | 89.3 | 89.3 | 90.2 | 91.5 |
| 27.7 | 57.5 | 75.8 | 79.1 | 83.2 | 84.9 | 87.2 | 88.4 | 89.0 | 89.4 | 89.5 | 89.6 | 90.4 | 90.4 | 91.4 | 92.0 |
| 27.7 | 57.5 | 75.6 | 79.1 | 83.7 | 85.7 | 88.4 | 89.2 | 89.5 | 89.9 | 91.2 | 91.2 | 91.9 | 91.9 | 92.2 | 94.1 |
| 27.7 | 57.5 | 75.7 | 79.1 | 83.8 | 86.4 | 89.3 | 90.7 | 91.4 | 91.7 | 92.1 | 92.1 | 92.7 | 92.7 | 93.7 | 94.9 |
| 27.7 | 57.5 | 75.7 | 79.1 | 83.9 | 86.7 | 90.7 | 91.0 | 92.5 | 93.0 | 93.3 | 93.3 | 94.0 | 94.0 | 94.9 | 96.2 |
| 27.7 | 57.5 | 75.7 | 79.1 | 83.9 | 86.7 | 90.2 | 92.5 | 93.3 | 94.0 | 94.3 | 94.3 | 94.9 | 94.9 | 95.2 | 97.7 |
| 27.7 | 57.5 | 75.7 | 79.1 | 83.8 | 86.7 | 90.2 | 92.5 | 93.3 | 94.0 | 94.3 | 94.3 | 94.9 | 94.9 | 95.5 | 97.7 |
| 27.7 | 57.5 | 75.7 | 79.1 | 83.8 | 86.7 | 90.2 | 92.5 | 93.3 | 94.0 | 94.3 | 94.3 | 94.9 | 94.9 | 95.5 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS 21

UNITED STATES AIR FORCE
 AIRCRAFT SERVICE: 44

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE
 AIRCRAFT SERVICE: 44

74-88

687

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

11-1111

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 900 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 800 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 700 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 600 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 500 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 400 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 300 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 200 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 100 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 50 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 20 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 10 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 5 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 2 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 1 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 0 | 3.1 | 4.7 | 6.6 | 67.4 | 67.4 | 67.8 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |

TOTAL NUMBER OF OBSERVATIONS 911

U.S. AIR FORCE
CLIMATE DIVISION
WASH. D.C.

CEILING VERSUS VISIBILITY

STATION NAME

74-5

647

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-14-140

| CEILING | 74-5 | 647 |
|---------|------|------|
| 1.0 | 73.2 | 73.2 |
| 1.5 | 73.2 | 73.2 |
| 2.0 | 73.2 | 73.2 |
| 2.5 | 73.2 | 73.2 |
| 3.0 | 73.2 | 73.2 |
| 3.5 | 73.2 | 73.2 |
| 4.0 | 73.2 | 73.2 |
| 4.5 | 73.2 | 73.2 |
| 5.0 | 73.2 | 73.2 |
| 5.5 | 73.2 | 73.2 |
| 6.0 | 73.2 | 73.2 |
| 6.5 | 73.2 | 73.2 |
| 7.0 | 73.2 | 73.2 |
| 7.5 | 73.2 | 73.2 |
| 8.0 | 73.2 | 73.2 |
| 8.5 | 73.2 | 73.2 |
| 9.0 | 73.2 | 73.2 |
| 9.5 | 73.2 | 73.2 |
| 10.0 | 73.2 | 73.2 |
| 10.5 | 73.2 | 73.2 |
| 11.0 | 73.2 | 73.2 |
| 11.5 | 73.2 | 73.2 |
| 12.0 | 73.2 | 73.2 |
| 12.5 | 73.2 | 73.2 |
| 13.0 | 73.2 | 73.2 |
| 13.5 | 73.2 | 73.2 |
| 14.0 | 73.2 | 73.2 |
| 14.5 | 73.2 | 73.2 |
| 15.0 | 73.2 | 73.2 |
| 15.5 | 73.2 | 73.2 |
| 16.0 | 73.2 | 73.2 |
| 16.5 | 73.2 | 73.2 |
| 17.0 | 73.2 | 73.2 |
| 17.5 | 73.2 | 73.2 |
| 18.0 | 73.2 | 73.2 |
| 18.5 | 73.2 | 73.2 |
| 19.0 | 73.2 | 73.2 |
| 19.5 | 73.2 | 73.2 |
| 20.0 | 73.2 | 73.2 |
| 20.5 | 73.2 | 73.2 |
| 21.0 | 73.2 | 73.2 |
| 21.5 | 73.2 | 73.2 |
| 22.0 | 73.2 | 73.2 |
| 22.5 | 73.2 | 73.2 |
| 23.0 | 73.2 | 73.2 |
| 23.5 | 73.2 | 73.2 |
| 24.0 | 73.2 | 73.2 |
| 24.5 | 73.2 | 73.2 |
| 25.0 | 73.2 | 73.2 |
| 25.5 | 73.2 | 73.2 |
| 26.0 | 73.2 | 73.2 |
| 26.5 | 73.2 | 73.2 |
| 27.0 | 73.2 | 73.2 |
| 27.5 | 73.2 | 73.2 |
| 28.0 | 73.2 | 73.2 |
| 28.5 | 73.2 | 73.2 |
| 29.0 | 73.2 | 73.2 |
| 29.5 | 73.2 | 73.2 |
| 30.0 | 73.2 | 73.2 |
| 30.5 | 73.2 | 73.2 |
| 31.0 | 73.2 | 73.2 |
| 31.5 | 73.2 | 73.2 |
| 32.0 | 73.2 | 73.2 |
| 32.5 | 73.2 | 73.2 |
| 33.0 | 73.2 | 73.2 |
| 33.5 | 73.2 | 73.2 |
| 34.0 | 73.2 | 73.2 |
| 34.5 | 73.2 | 73.2 |
| 35.0 | 73.2 | 73.2 |
| 35.5 | 73.2 | 73.2 |
| 36.0 | 73.2 | 73.2 |
| 36.5 | 73.2 | 73.2 |
| 37.0 | 73.2 | 73.2 |
| 37.5 | 73.2 | 73.2 |
| 38.0 | 73.2 | 73.2 |
| 38.5 | 73.2 | 73.2 |
| 39.0 | 73.2 | 73.2 |
| 39.5 | 73.2 | 73.2 |
| 40.0 | 73.2 | 73.2 |
| 40.5 | 73.2 | 73.2 |
| 41.0 | 73.2 | 73.2 |
| 41.5 | 73.2 | 73.2 |
| 42.0 | 73.2 | 73.2 |
| 42.5 | 73.2 | 73.2 |
| 43.0 | 73.2 | 73.2 |
| 43.5 | 73.2 | 73.2 |
| 44.0 | 73.2 | 73.2 |
| 44.5 | 73.2 | 73.2 |
| 45.0 | 73.2 | 73.2 |
| 45.5 | 73.2 | 73.2 |
| 46.0 | 73.2 | 73.2 |
| 46.5 | 73.2 | 73.2 |
| 47.0 | 73.2 | 73.2 |
| 47.5 | 73.2 | 73.2 |
| 48.0 | 73.2 | 73.2 |
| 48.5 | 73.2 | 73.2 |
| 49.0 | 73.2 | 73.2 |
| 49.5 | 73.2 | 73.2 |
| 50.0 | 73.2 | 73.2 |
| 50.5 | 73.2 | 73.2 |
| 51.0 | 73.2 | 73.2 |
| 51.5 | 73.2 | 73.2 |
| 52.0 | 73.2 | 73.2 |
| 52.5 | 73.2 | 73.2 |
| 53.0 | 73.2 | 73.2 |
| 53.5 | 73.2 | 73.2 |
| 54.0 | 73.2 | 73.2 |
| 54.5 | 73.2 | 73.2 |
| 55.0 | 73.2 | 73.2 |
| 55.5 | 73.2 | 73.2 |
| 56.0 | 73.2 | 73.2 |
| 56.5 | 73.2 | 73.2 |
| 57.0 | 73.2 | 73.2 |
| 57.5 | 73.2 | 73.2 |
| 58.0 | 73.2 | 73.2 |
| 58.5 | 73.2 | 73.2 |
| 59.0 | 73.2 | 73.2 |
| 59.5 | 73.2 | 73.2 |
| 60.0 | 73.2 | 73.2 |
| 60.5 | 73.2 | 73.2 |
| 61.0 | 73.2 | 73.2 |
| 61.5 | 73.2 | 73.2 |
| 62.0 | 73.2 | 73.2 |
| 62.5 | 73.2 | 73.2 |
| 63.0 | 73.2 | 73.2 |
| 63.5 | 73.2 | 73.2 |
| 64.0 | 73.2 | 73.2 |
| 64.5 | 73.2 | 73.2 |
| 65.0 | 73.2 | 73.2 |
| 65.5 | 73.2 | 73.2 |
| 66.0 | 73.2 | 73.2 |
| 66.5 | 73.2 | 73.2 |
| 67.0 | 73.2 | 73.2 |
| 67.5 | 73.2 | 73.2 |
| 68.0 | 73.2 | 73.2 |
| 68.5 | 73.2 | 73.2 |
| 69.0 | 73.2 | 73.2 |
| 69.5 | 73.2 | 73.2 |
| 70.0 | 73.2 | 73.2 |
| 70.5 | 73.2 | 73.2 |
| 71.0 | 73.2 | 73.2 |
| 71.5 | 73.2 | 73.2 |
| 72.0 | 73.2 | 73.2 |
| 72.5 | 73.2 | 73.2 |
| 73.0 | 73.2 | 73.2 |
| 73.5 | 73.2 | 73.2 |
| 74.0 | 73.2 | 73.2 |
| 74.5 | 73.2 | 73.2 |
| 75.0 | 73.2 | 73.2 |
| 75.5 | 73.2 | 73.2 |
| 76.0 | 73.2 | 73.2 |
| 76.5 | 73.2 | 73.2 |
| 77.0 | 73.2 | 73.2 |
| 77.5 | 73.2 | 73.2 |
| 78.0 | 73.2 | 73.2 |
| 78.5 | 73.2 | 73.2 |
| 79.0 | 73.2 | 73.2 |
| 79.5 | 73.2 | 73.2 |
| 80.0 | 73.2 | 73.2 |
| 80.5 | 73.2 | 73.2 |
| 81.0 | 73.2 | 73.2 |
| 81.5 | 73.2 | 73.2 |
| 82.0 | 73.2 | 73.2 |
| 82.5 | 73.2 | 73.2 |
| 83.0 | 73.2 | 73.2 |
| 83.5 | 73.2 | 73.2 |
| 84.0 | 73.2 | 73.2 |
| 84.5 | 73.2 | 73.2 |
| 85.0 | 73.2 | 73.2 |
| 85.5 | 73.2 | 73.2 |
| 86.0 | 73.2 | 73.2 |
| 86.5 | 73.2 | 73.2 |
| 87.0 | 73.2 | 73.2 |
| 87.5 | 73.2 | 73.2 |
| 88.0 | 73.2 | 73.2 |
| 88.5 | 73.2 | 73.2 |
| 89.0 | 73.2 | 73.2 |
| 89.5 | 73.2 | 73.2 |
| 90.0 | 73.2 | 73.2 |
| 90.5 | 73.2 | 73.2 |
| 91.0 | 73.2 | 73.2 |
| 91.5 | 73.2 | 73.2 |
| 92.0 | 73.2 | 73.2 |
| 92.5 | 73.2 | 73.2 |
| 93.0 | 73.2 | 73.2 |
| 93.5 | 73.2 | 73.2 |
| 94.0 | 73.2 | 73.2 |
| 94.5 | 73.2 | 73.2 |
| 95.0 | 73.2 | 73.2 |
| 95.5 | 73.2 | 73.2 |
| 96.0 | 73.2 | 73.2 |
| 96.5 | 73.2 | 73.2 |
| 97.0 | 73.2 | 73.2 |
| 97.5 | 73.2 | 73.2 |
| 98.0 | 73.2 | 73.2 |
| 98.5 | 73.2 | 73.2 |
| 99.0 | 73.2 | 73.2 |
| 99.5 | 73.2 | 73.2 |
| 100.0 | 73.2 | 73.2 |

TOTAL NUMBER OF OBSERVATIONS 917

SECRET

7-2-33

221

100-2-17-0

TOTAL NUMBER OF OBSERVATIONS 22

SECRET

[illegible]

74-37

224

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1

1. *Phragmites australis* (Cav.) Trin. ex Steud.

[illegible]

TOTAL NUMBER OF OBSERVATIONS 723

CEILING VERSUS VISIBILITY

74-107

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100-2324

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

TOTAL NUMBER OF OBSERVATIONS 522

CEILING VERSUS VISIBILITY

NAME ALVIN R. BROWN STATION NAME

4-21

— $\frac{1}{2}$ —

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

444

• *Chlorophyll a* (Chl a) and *Chlorophyll b* (Chl b) are the primary photosynthetic pigments in green plants. They are responsible for capturing light energy and converting it into chemical energy through the process of photosynthesis. Chl a is the most abundant pigment, while Chl b is present in smaller amounts. Both pigments are found in the chloroplasts of green plants.

[illegible]TOTAL NUMBER OF OBSERVATIONS 4798

CEILING VERSUS VISIBILITY

74-47

200

100-3636

TOTAL NUMBER OF OBSERVATIONS 543

2 1 15
STATION

POCANTON AVON CO
STATION NAME

74-33

423

~~222-1100~~

* SIBLING INJURY RATES

TOTAL NUMBER OF OBSERVATIONS 867

CEILING VERSUS VISIBILITY

74-23

454

100-2-1452

TOTAL NUMBER OF OBSERVATIONS 66

CEILING VERSUS VISIBILITY

LOV

14-00000

[illegible]TOTAL NUMBER OF OBSERVATIONS 62

2. CATERING SERVICE: 14A.

CEILING VERSUS VISIBILITY

54

CONTINUED PAGE 50

MYRON NAME

74-53

875

454

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

100-2000

[illegible]TOTAL NUMBER OF OBSERVATIONS 725

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CLIMATE BRANCH
ETAC
U.S. AIR FORCE SERVICE MAC

CEILING VERSUS VISIBILITY

STATION NAME
CLINTON AFB MS

74-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-2400

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 10 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
| 100 | 65.4 | 65.3 | 65.3 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| 120 | 71.2 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| 140 | 71.4 | 71.1 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 160 | 71.5 | 71.3 | 71.6 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 180 | 71.5 | 71.3 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| 200 | 71.6 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 220 | 73.5 | 73.3 | 73.5 | 73.5 | 73.9 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 240 | 73.5 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| 260 | 77.0 | 77.3 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 280 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 300 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 320 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 340 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 360 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 380 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 400 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 420 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 440 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 460 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 480 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 500 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 520 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 540 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 560 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 580 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 600 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 620 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 640 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 660 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 680 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 700 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 720 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 740 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 760 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 780 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 800 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 820 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 840 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 860 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 880 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 900 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 920 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 940 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 960 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 980 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 1000 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |

TOTAL NUMBER OF OBSERVATIONS 655

CEILING VERSUS VISIBILITY

74-53

454

ALL

• *Journal of the American Medical Association*

TOTAL NUMBER OF OBSERVATIONS 4507

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATE Y. BRANCH
STAD
AT. ST. R. SERVICE, AC

CEILING VERSUS VISIBILITY

2-1-55 STATION NAME

74-83

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

---2-2400

| | | VISIBILITY IN METERS | | | | | | | | | | | | | | | | | | | |
|-----|------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 100 | 47.1 | 46.1 | 47.1 | 47.2 | 47.7 | 49.1 | 49.1 | 49.2 | 49.2 | 49.4 | 49.4 | 49.6 | 49.6 | 49.6 | 49.8 | 49.8 | 49.9 | 50.2 | | | |
| 90 | 45.7 | 41.3 | 51.7 | 52.1 | 52.5 | 53.4 | 54.1 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.9 | 55.1 | 55.1 | 55.1 | | | |
| 80 | 47.1 | 1.7 | 57.1 | 52.4 | 57.2 | 54.3 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | | | |
| 70 | 47.2 | 52.1 | 52.3 | 52.6 | 54.1 | 54.5 | 54.7 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 | | | |
| 60 | 47.4 | 52.3 | 52.4 | 52.6 | 54.3 | 54.7 | 54.9 | 55.3 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | | | |
| 50 | 47.7 | 53.1 | 53.2 | 53.6 | 55.1 | 55.5 | 55.6 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | | | |
| 40 | 47.7 | 53.6 | 55.8 | 56.2 | 57.7 | 58.1 | 58.4 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | | | |
| 30 | 47.9 | 56.2 | 58.4 | 59.2 | 59.3 | 59.6 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | | | |
| 20 | 57.1 | 56.3 | 59.6 | 59.0 | 60.7 | 61.1 | 61.7 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | | | |
| 10 | 62.3 | 59.6 | 61.2 | 62.5 | 62.7 | 62.8 | 63.2 | 63.7 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | | | |
| 0 | 62.3 | 61.5 | 61.8 | 61.3 | 63.7 | 63.3 | 63.9 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 64.9 | | | |
| 100 | 63.1 | 61.6 | 62.2 | 62.6 | 64.7 | 64.6 | 65.4 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | | | |
| 90 | 67.4 | 64.7 | 65.1 | 65.4 | 67.1 | 67.7 | 68.2 | 69.0 | 69.0 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | | | |
| 80 | 67.7 | 66.5 | 66.9 | 67.3 | 69.2 | 69.7 | 70.9 | 71.6 | 71.6 | 71.6 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | | | |
| 70 | 67.7 | 67.5 | 67.9 | 68.2 | 70.1 | 70.7 | 71.8 | 72.6 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | | | |
| 60 | 67.9 | 69.1 | 69.4 | 69.7 | 71.5 | 72.4 | 73.5 | 74.2 | 74.2 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | | | |
| 50 | 67.6 | 71.5 | 71.9 | 71.2 | 73.3 | 74.4 | 75.9 | 76.9 | 76.9 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | | | |
| 40 | 67.3 | 71.4 | 72.0 | 72.7 | 75.0 | 76.1 | 77.4 | 78.6 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | | | |
| 30 | 67.5 | 71.6 | 72.4 | 73.1 | 75.4 | 76.5 | 77.9 | 78.9 | 78.9 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | | | |
| 20 | 67.1 | 72.4 | 73.1 | 74.1 | 76.3 | 77.4 | 78.8 | 79.9 | 79.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | | | |
| 10 | 67.1 | 73.3 | 74.4 | 75.6 | 78.0 | 79.1 | 81.6 | 81.8 | 81.8 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | | | |
| 0 | 67.1 | 73.7 | 75.1 | 76.3 | 77.6 | 79.7 | 81.2 | 82.3 | 82.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | | | |
| 100 | 67.6 | 74.4 | 75.9 | 77.3 | 79.5 | 81.6 | 82.1 | 83.6 | 83.8 | 84.4 | 84.4 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | | | |
| 90 | 67.6 | 74.4 | 75.9 | 77.4 | 79.9 | 81.4 | 82.9 | 84.4 | 84.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | | | |
| 80 | 67.7 | 74.4 | 76.1 | 77.8 | 80.6 | 82.1 | 84.7 | 85.5 | 85.7 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | | | |
| 70 | 67.8 | 74.3 | 76.5 | 78.2 | 81.7 | 82.7 | 85.0 | 86.7 | 86.8 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | | | |
| 60 | 67.8 | 75.1 | 76.7 | 78.4 | 81.6 | 83.6 | 86.7 | 89.1 | 89.3 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | | | |
| 50 | 67.8 | 75.2 | 76.9 | 78.6 | 82.1 | 84.4 | 87.9 | 90.6 | 90.8 | 92.3 | 92.9 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | | | |
| 40 | 67.8 | 75.2 | 76.9 | 78.6 | 82.1 | 84.6 | 88.0 | 91.2 | 91.5 | 93.0 | 94.9 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | | | |
| 30 | 67.8 | 75.2 | 76.9 | 78.6 | 82.1 | 84.6 | 88.0 | 91.2 | 91.5 | 93.0 | 94.9 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | | | |
| 20 | 67.8 | 75.2 | 76.9 | 78.6 | 82.1 | 84.6 | 88.0 | 91.2 | 91.5 | 93.0 | 94.9 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | | | |
| 10 | 67.8 | 75.2 | 76.9 | 78.6 | 82.1 | 84.6 | 88.0 | 91.2 | 91.5 | 93.0 | 94.9 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | | | |
| 0 | 67.8 | 75.2 | 76.9 | 78.6 | 82.1 | 84.6 | 88.0 | 91.2 | 91.5 | 93.0 | 94.9 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | | | |

TOTAL NUMBER OF OBSERVATIONS 432

CEILING VERSUS VISIBILITY

74-57

3.4

104-2-1122

TOTAL NUMBER OF OBSERVATIONS 637

CEILING VERSUS VISIBILITY

4-1-1

23

100-441420

TOTAL NUMBER OF OBSERVATIONS 35

CEILING VERSUS VISIBILITY

74-2

244

11-2-172-

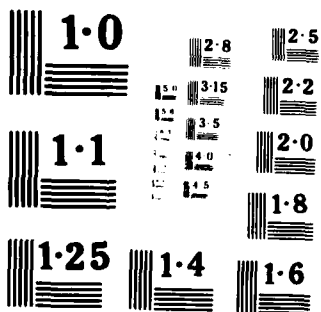
TOTAL NUMBER OF OBSERVATIONS 72

AD-A159 637 MCENTIRE ANGB SOUTH CAROLINA/COLUMBIA LIMITED SURFACE
OBSERVATIONS CLIMAT. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A., DEC 84
UNCLASSIFIED ISSAFAC/DC-BA/081 F/G 4/2

INCENTIVE ANGB SOUTH CAROLINA/COLUMBIA LIMITED SURFACE
OBSERVATIONS CLIMAT..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84
115AFFTAC/DC-84/041 F/G 4/2

314

NL



CEILING VERSUS VISIBILITY

74-63

24

15-2-2425

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6</ |

TOTAL NUMBER OF OBSERVATIONS 711

CEILING VERSUS VISIBILITY

250

44-2422

TOTAL NUMBER OF OBSERVATIONS 669

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-53

Disc

ALL

• 28, 1974 • 12:45 • 15 • 15

TOTAL NUMBER OF OBSERVATIONS 4376

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
METEOROLOGICAL SERVICE
CENTRAL CLIMATOLOGY BRANCH
METAC
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

74-84
CENTRE ANGR DC

74-84

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| | | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|------|-----|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1.0 | 1.7 | 50.2 | 51.2 | 53.1 | 53.2 | 54.1 | 54.3 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.7 |
| 1.5 | 4.6 | 50.9 | 53.1 | 54.5 | 55.5 | 55.8 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 |
| 2.0 | 4.7 | 50.9 | 53.2 | 54.6 | 55.6 | 55.9 | 56.1 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 |
| 2.5 | 4.7 | 50.9 | 53.2 | 54.6 | 55.6 | 55.9 | 56.1 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 |
| 3.0 | 4.9 | 1.1 | 53.4 | 54.5 | 55.8 | 56.1 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| 3.5 | 1.2 | 43.1 | 55.3 | 56.8 | 57.8 | 58.0 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| 4.0 | 4.3 | 67.2 | 69.7 | 71.3 | 72.5 | 72.8 | 73.1 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 |
| 4.5 | 4.7 | 67.9 | 72.4 | 72.1 | 73.2 | 73.5 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 5.0 | 5.5 | 7.6 | 73.4 | 75.1 | 76.3 | 76.7 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 |
| 5.5 | 5.4 | 71.3 | 74.1 | 75.4 | 77.1 | 77.5 | 77.8 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.4 |
| 6.0 | 5.7 | 71.7 | 74.5 | 76.3 | 77.6 | 78.0 | 79.3 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 6.5 | 5.1 | 72.9 | 75.9 | 77.6 | 78.9 | 79.2 | 79.5 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| 7.0 | 5.9 | 74.1 | 76.9 | 78.8 | 81.1 | 80.5 | 80.9 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 |
| 7.5 | 5.7 | 75.5 | 77.6 | 80.6 | 82.0 | 82.4 | 82.9 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.4 | 83.5 |
| 8.0 | 5.4 | 76.5 | 79.8 | 81.8 | 83.7 | 83.8 | 84.2 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 |
| 8.5 | 5.1 | 77.6 | 81.9 | 83.5 | 84.6 | 85.0 | 85.5 | 85.7 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.1 | 86.2 |
| 9.0 | 1.2 | 78.7 | 82.1 | 84.3 | 85.9 | 86.4 | 86.9 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.5 | 87.6 |
| 9.5 | 2.3 | 79.6 | 83.2 | 85.5 | 87.2 | 87.7 | 88.2 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 10.0 | 2.4 | 79.9 | 83.4 | 85.8 | 87.5 | 88.0 | 88.5 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 10.5 | 6.2 | 80.8 | 84.4 | 86.9 | 88.7 | 89.3 | 89.8 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.5 | 90.5 |
| 11.0 | 6.7 | 81.6 | 85.4 | 88.0 | 89.9 | 90.5 | 91.1 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.9 |
| 11.5 | 6.4 | 82.1 | 85.9 | 88.6 | 90.6 | 91.3 | 91.9 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.7 | 92.8 |
| 12.0 | 6.4 | 82.2 | 86.2 | 89.0 | 91.1 | 91.8 | 92.4 | 92.5 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 |
| 12.5 | 6.5 | 82.5 | 86.6 | 89.5 | 91.8 | 92.5 | 93.3 | 93.7 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.3 |
| 13.0 | 6.6 | 82.8 | 86.9 | 89.9 | 92.3 | 93.2 | 94.1 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 |
| 13.5 | 6.6 | 82.9 | 87.1 | 90.2 | 92.7 | 93.8 | 94.7 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.9 |
| 14.0 | 6.7 | 83.0 | 87.3 | 90.5 | 93.2 | 94.4 | 95.6 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.9 |
| 14.5 | 6.7 | 83.1 | 87.4 | 90.6 | 93.5 | 94.8 | 96.2 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.9 |
| 15.0 | 6.7 | 83.1 | 87.4 | 90.7 | 93.5 | 94.9 | 96.4 | 97.6 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.7 |
| 15.5 | 6.7 | 83.1 | 87.4 | 90.7 | 93.5 | 95.0 | 96.5 | 97.8 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 |
| 16.0 | 6.7 | 83.1 | 87.4 | 90.7 | 93.5 | 95.0 | 96.5 | 97.8 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 99.1 | 99.2 | 99.3 |
| 16.5 | 6.7 | 83.1 | 87.4 | 90.7 | 93.5 | 95.0 | 96.5 | 97.8 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 99.1 | 99.2 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 55279

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

| <u>EIGHTS</u> | <u>TENTHS</u> |
|-----------------|---------------|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10
Scattered was converted to 3/10
Broken was converted to 9/10
Overcast was converted to 10/10
Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

SKY COVER

12-1-5 STATION MCENTIRE ANGB SC PERIOD 75-84 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| JAN | 0-04 | | | | | | | | | | | | |
| | 05-08 | | | | | | | | | | | | |
| | 09-11 | 23.3 | | | 13.7 | | | | | | 15.3 | 42.7 | 6.2 524 |
| | 12-14 | 24.6 | | | 17.1 | | | | | | 15.5 | 42.8 | 6.2 685 |
| | 15-17 | 19.5 | | | 24.0 | | | | | | 15.0 | 41.5 | 6.2 684 |
| | 18-20 | 16.6 | | | 25.6 | | | | | | 18.1 | 39.6 | 6.4 835 |
| | 21-23 | 30.5 | | | 22.5 | | | | | | 11.7 | 35.4 | 5.3 738 |
| | 24-26 | 40.4 | | | 14.7 | | | | | | 8.5 | 36.4 | 4.6 703 |
| | 27-29 | | | | | | | | | | | | |
| | 30-31 | | | | | | | | | | | | |
| TOTALS | | 25.0 | | | 20.4 | | | | | | 14.0 | 39.7 | 5.6 4569 |

SKY COVER

75-84

FEB
1954

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
BS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| FEB | 0-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 20.1 | | | 24.2 | | | | | | 13.0 | 42.7 | 6.2 | 483 |
| | 09-11 | 18.1 | | | 24.2 | | | | | | 16.7 | 41.0 | 6.3 | 825 |
| | 12-14 | 17.1 | | | 24.7 | | | | | | 21.0 | 37.3 | 6.4 | 621 |
| | 15-17 | 16.1 | | | 25.6 | | | | | | 21.3 | 36.9 | 6.4 | 769 |
| | 18-20 | 22.3 | | | 27.2 | | | | | | 19.4 | 30.6 | 5.6 | 666 |
| | 21-23 | 41.7 | | | 15.7 | | | | | | 11.2 | 31.4 | 4.6 | 616 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.1 | | | 21.6 | | | | | | 17.1 | 36.7 | 5.9 | 4182 |

SKY COVER

75-24

MAR

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN | TOTAL |
|--------|--------------|---|---|---|------|---|---|---|---|------|------|------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | TENTHS OF
SKY COVER |
| 10-02 | | | | | | | | | | | | | |
| 10-03 | | | | | | | | | | | | | |
| 10-06 | 19.7 | | | | 19.7 | | | | | 15.1 | 46.3 | 6.6 | 564 |
| 10-11 | 19.5 | | | | 21.6 | | | | | 15.4 | 43.5 | 6.4 | 930 |
| 10-14 | 16.0 | | | | 23.5 | | | | | 19.1 | 41.3 | 6.6 | 930 |
| 10-17 | 11.3 | | | | 27.6 | | | | | 21.4 | 39.6 | 6.7 | 868 |
| 10-20 | 18.3 | | | | 20.6 | | | | | 15.3 | 37.8 | 6.0 | 747 |
| 10-23 | 33.6 | | | | 23.4 | | | | | 10.4 | 32.6 | 4.9 | 694 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | 19.7 | | | | 24.9 | | | | | 16.1 | 40.2 | 6.2 | 4722 |

FEDERAL CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/MAC

SKY COVER

2-135 MCEWIRE 4433 SC

75-84

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
PERCENTAGE
SKY COVER | TOTAL
OBSERVATIONS |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|---------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| 0-02 | | | | | | | | | | | | | |
| 0-05 | | | | | | | | | | | | | |
| 05-08 | 24.6 | | | | 21.9 | | | | | | 15.6 | 36.4 | 588 |
| 08-11 | 22.7 | | | | 26.9 | | | | | | 22.4 | 30.2 | 920 |
| 11-14 | 17.7 | | | | 31.4 | | | | | | 19.0 | 31.9 | 899 |
| 14-17 | 14.3 | | | | 34.2 | | | | | | 19.9 | 31.6 | 831 |
| 17-20 | 22.2 | | | | 30.1 | | | | | | 16.2 | 31.1 | 717 |
| 20-23 | 41.4 | | | | 2.1 | | | | | | 11.4 | 25.2 | 616 |
| TOTALS | 24.2 | | | | 27.8 | | | | | | 17.1 | 31.0 | 4551 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY RANCH
 TETAC
 FATHER SERVICE/MAC

SKY COVER

2-135 MCENTIR ANGE SC 75-84 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL
TENTHS | TOTAL
HOURS |
|--------|--------------|---|---|---|------|---|---|---|---|------|------|-----------------|----------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| MAY | 0-30 | | | | | | | | | | | | |
| | 31-35 | | | | | | | | | | | | |
| | 36-38 | 18.9 | | | 23.2 | | | | | 20.1 | 37.8 | 6.3 | 820 |
| | 39-41 | 15.4 | | | 20.8 | | | | | 24.2 | 30.6 | 6.1 | 909 |
| | 42-44 | 1.1 | | | 36.3 | | | | | 28.1 | 25.5 | 6.2 | 905 |
| | 45-47 | 6.2 | | | 4.6 | | | | | 21.7 | 31.5 | 6.3 | 791 |
| | 48-50 | 13.5 | | | 30.1 | | | | | 19.1 | 37.3 | 6.4 | 732 |
| | 51-53 | 26.6 | | | 25.1 | | | | | 17.9 | 30.4 | 5.4 | 447 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 14.4 | | | 31.2 | | | | | 21.9 | 32.2 | 6.1 | 4650 |

SKY COVER

74-83

JUN

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
CLOUD
AMOUNT | |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|--------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 14.3 | | | 28.3 | | | | | | 21.7 | 35.7 | 6.4 | 640 |
| | 09-11 | 11.2 | | | 35.4 | | | | | | 25.8 | 27.6 | 6.1 | 900 |
| | 12-14 | 2.3 | | | 44.2 | | | | | | 28.4 | 25.0 | 6.4 | 900 |
| | 15-17 | 1.0 | | | 45.3 | | | | | | 27.0 | 26.8 | 6.5 | 800 |
| | 18-20 | 4.3 | | | 35.8 | | | | | | 25.8 | 33.6 | 6.8 | 749 |
| | 21-23 | 2.3 | | | 34.1 | | | | | | 16.8 | 28.8 | 5.4 | 493 |
| TOTALS | | 5.3 | | | 17.2 | | | | | | 24.3 | 29.6 | 6.3 | 4682 |

SKY COVER

74-83

111

| MONTH | HOURS
EST. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTH IN
DAY | TOTAL
NO. OF
DAYS | |
|--------|---------------|---|---|---|------|---|---|---|---|---|------|-------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUL | 0-07 | | | | | | | | | | | | | |
| | 08-05 | | | | | | | | | | | | | |
| | 06-08 | 11.1 | | | 22.0 | | | | | | 28.3 | 31.6 | 6.6 | 848 |
| | 09-11 | 12.4 | | | 34.5 | | | | | | 27.0 | 25.7 | 6.0 | 907 |
| | 12-14 | 1.0 | | | 47.2 | | | | | | 28.3 | 23.5 | 6.3 | 907 |
| | 15-17 | 1.1 | | | 42.3 | | | | | | 37.8 | 25.8 | 6.6 | 614 |
| | 18-21 | 8.3 | | | 29.3 | | | | | | 26.8 | 35.1 | 6.2 | 761 |
| | 22-23 | 20.3 | | | 27.1 | | | | | | 18.0 | 34.1 | 5.8 | 501 |
| TOTALS | | | | | 34.0 | | | | | | 26.5 | 29.3 | 6.4 | 8739 |

SKY COVER

~~74 = 83~~

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[illegible]

SKY COVER

74-83

PER CU

SEP.

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
DAYS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 0-02 | | | | | | | | | | | | | |
| | 3-05 | | | | | | | | | | | | | |
| | 6-08 | 13.9 | | | 24.6 | | | | | | 21.0 | 40.5 | 6.7 | 829 |
| | 9-11 | 13.9 | | | 27.9 | | | | | | 24.5 | 33.7 | 6.4 | 891 |
| | 12-14 | 5.2 | | | 32.3 | | | | | | 25.6 | 30.9 | 6.5 | 893 |
| | 15-17 | 3.5 | | | 38.7 | | | | | | 24.9 | 33.5 | 6.7 | 790 |
| | 18-20 | 13.2 | | | 31.8 | | | | | | 18.6 | 36.3 | 6.3 | 741 |
| | 21-23 | 26.7 | | | 28.2 | | | | | | 14.1 | 31.0 | 5.2 | 490 |
| TOTALS | | 12.7 | | | 31.5 | | | | | | 21.5 | 34.3 | 6.3 | 4631 |

SKY COVER

74-83

~~SCI~~

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NUMBER OF
OBS. | | |
|--------|--------------|---|---|---|------|---|---|---|---|---|--------------------------------|----------------------------|-----|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | 9 | 10 |
| JUL | 0-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 28.8 | | | 23.8 | | | | | | 19.0 | 28.4 | 5.3 | 802 |
| | 09-11 | 25.0 | | | 29.2 | | | | | | 19.1 | 25.7 | 5.2 | 911 |
| | 12-14 | 21.7 | | | 36.3 | | | | | | 20.1 | 21.7 | 5.1 | 912 |
| | 15-17 | 21.6 | | | 36.1 | | | | | | 19.0 | 23.2 | 5.1 | 819 |
| | 18-20 | 34.1 | | | 27.9 | | | | | | 16.1 | 21.9 | 4.5 | 763 |
| | 21-23 | 47.1 | | | 22.1 | | | | | | 10.7 | 20.2 | 3.6 | 580 |
| TOTALS | | 29.9 | | | 29.2 | | | | | | 17.3 | 23.5 | 4.8 | 4787 |

SKY COVER

74-83

NOV

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL | |
|--------|--------------|---|---|---|------|---|---|---|---|------|--------------------------------|-------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | 9 | 10 |
| NOV | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | 26.7 | | | 21.3 | | | | | 17.4 | 34.7 | 5.7 | 536 |
| | 09-11 | 26.2 | | | 21.0 | | | | | 17.5 | 35.3 | 5.7 | 665 |
| | 12-14 | 21.4 | | | 26.4 | | | | | 20.9 | 30.7 | 5.7 | 866 |
| | 15-17 | 21.7 | | | 26.6 | | | | | 20.1 | 31.6 | 5.8 | 820 |
| | 18-20 | 34.2 | | | 22.8 | | | | | 14.9 | 28.1 | 4.2 | 725 |
| | 21-23 | 44.5 | | | 17.8 | | | | | 10.2 | 27.6 | 4.2 | 686 |
| TOTALS | | 20.2 | | | 22.7 | | | | | 16.8 | 31.3 | 5.3 | 4498 |

SKY COVER

74-83

DEC

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | | |
|--------|----------------|---|---|---|------|---|---|---|---|---|--------------------------------|-------------------------|-----|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | 9 | 10 |
| D.F.C. | 03-07 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 21.4 | | | 24.3 | | | | | | 13.3 | 41.0 | 6.0 | 527 |
| | 07-11 | 20.1 | | | 26.5 | | | | | | 14.8 | 38.6 | 6.0 | 837 |
| | 12-14 | 15.2 | | | 27.2 | | | | | | 20.2 | 36.6 | 6.3 | 635 |
| | 15-17 | 14.5 | | | 29.0 | | | | | | 21.5 | 35.0 | 6.3 | 792 |
| | 18-20 | 30.3 | | | 21.3 | | | | | | 12.4 | 36.0 | 5.4 | 729 |
| | 21-23 | 41.3 | | | 14.4 | | | | | | 8.9 | 35.4 | 4.8 | 666 |
| TOTALS | | 21.2 | | | 21.8 | | | | | | 15.2 | 37.1 | 5.8 | 4364 |

AL CLIMATOLOGY BRANCH
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WEATHER SERVICE/MAC

SKY COVER

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74-84

PER CC

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS | TOTAL
OCCURRENCE | |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|----------------|---------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| ALL | 25.0 | | | | 2.4 | | | | | | 14.0 | 39.7 | 5.2 | 4569 |
| E | 22.7 | | | | 23.6 | | | | | | 17.1 | 36.7 | 5.2 | 4182 |
| A | 17.7 | | | | 24.2 | | | | | | 16.1 | 40.2 | 6.2 | 4723 |
| P | 24.2 | | | | 27.8 | | | | | | 17.1 | 31.0 | 5.5 | 4551 |
| MY | 14.0 | | | | 31.2 | | | | | | 21.9 | 32.2 | 6.1 | 4624 |
| JJ | 9.3 | | | | 37.2 | | | | | | 24.3 | 29.6 | 6.3 | 4682 |
| JJ | 9.3 | | | | 34.9 | | | | | | 26.5 | 29.3 | 6.4 | 4738 |
| AI | 11.1 | | | | 40.3 | | | | | | 22.4 | 25.2 | 5.3 | 4796 |
| OP | 12.7 | | | | 31.5 | | | | | | 21.5 | 34.3 | 6.3 | 4631 |
| OCI | 29.9 | | | | 29.2 | | | | | | 17.3 | 23.5 | 4.6 | 4787 |
| NOV | 27.2 | | | | 22.7 | | | | | | 16.8 | 31.3 | 5.3 | 4498 |
| D-C | 23.7 | | | | 23.8 | | | | | | 15.2 | 37.1 | 5.8 | 4366 |
| TOTALS | 12.4 | | | | 20.9 | | | | | | 19.2 | 32.5 | 5.9 | 55127 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

NATIONAL CLIMATOLOGY BRANCH
 ETAC
 AIR FORCE SERVICE/AFAC
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 STATION STATION NAME

DAILY TEMPERATURES

61-64

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 100 | | | | | | .2 | .2 | .3 | | | | | .0 |
| 99 | | | | | .2 | .3 | 11.9 | 7.6 | .9 | | | | .3 |
| 98 | | | | 1.2 | 6.4 | 25.2 | 44.8 | 35.2 | 12.2 | .3 | | | 10.3 |
| 97 | | | 1.7 | 12.3 | 28.5 | 63.3 | 81.1 | 74.5 | 45.3 | 6.7 | | | 70.0 |
| 96 | .1 | 1.1 | 5.9 | 30.3 | 59.0 | 88.2 | 95.1 | 91.8 | 72.3 | 25.4 | 3.4 | .6 | 79.5 |
| 95 | 3.2 | 4.7 | 22.0 | 48.6 | 81.3 | 96.3 | 99.1 | 97.8 | 88.0 | 54.1 | 16.7 | 4.9 | 91.3 |
| 94 | 7.6 | 13.3 | 35.0 | 68.6 | 94.9 | 99.1 | 99.8 | 99.9 | 95.9 | 74.5 | 39.8 | 13.1 | 92.1 |
| 93 | 7.8 | 25.3 | 55.6 | 87.4 | 97.6 | 99.3 | 100.0 | 100.0 | 98.0 | 90.3 | 57.7 | 26.8 | 91.5 |
| 92 | 12.3 | 40.1 | 74.2 | 95.3 | 99.5 | 100.0 | | | 100.0 | 96.6 | 74.6 | 40.0 | 90.6 |
| 91 | 47.7 | 55.7 | 87.0 | 98.9 | 100.0 | | | | | 99.0 | 96.5 | 60.5 | 96.4 |
| 90 | 63.2 | 72.2 | 94.3 | 99.7 | | | | | | 99.7 | 95.8 | 74.6 | 91.7 |
| 89 | 76.7 | 85.6 | 97.9 | 99.8 | | | | | | 100.0 | 98.4 | 90.2 | 95.7 |
| 88 | 87.1 | 94.8 | 99.6 | 100.0 | | | | | | | 99.5 | 97.1 | 96.3 |
| 87 | 94.6 | 99.0 | 99.7 | | | | | | | | 100.0 | 99.5 | 99.4 |
| 86 | 99.3 | 99.8 | 99.9 | | | | | | | | | 99.8 | 99.9 |
| 85 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 84 | | 100.0 | 100.0 | | | | | | | | | | 100.0 |
| 83 | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | |
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| 11 | | | | | | | | | | | | | |
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| 4 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 63.4 | 56.5 | 66.0 | 74.0 | 80.3 | 85.9 | 88.6 | 97.4 | 82.7 | 74.3 | 65.5 | 57.4 | 72.7 |
| S.D. | 11.194 | 10.711 | 10.100 | 8.464 | 6.640 | 5.787 | 5.161 | 5.614 | 6.473 | 7.357 | 9.074 | 10.166 | 14.694 |
| TOTAL OBS | 669 | 616 | 682 | 659 | 642 | 600 | 647 | 682 | 658 | 721 | 645 | 650 | 7651 |

1. CLIMATOLOGY BRANCH
 2. TAC
 3. FATHER SERVICE/MAC
 4. MCENTIRE ANGWS SC
 5. STATION NAME

DAILY TEMPERATURES

61-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7 | | | | | | 4.2 | 9.9 | 4.3 | 1.2 | | | | 1.6 |
| 8 | | | | | 4.2 | 34.2 | 71.4 | 68.9 | 25.1 | | | | 16.3 |
| 9 | | | 1.1 | 5.3 | 27.4 | 71.8 | 96.3 | 91.3 | 57.9 | 7.5 | 2.0 | 1.4 | 29.9 |
| 10 | 3.9 | 6.1 | 16.7 | 43.6 | 78.8 | 98.2 | 100.0 | 100.0 | 91.6 | 42.7 | 14.1 | 7.2 | 40.1 |
| 11 | 3.7 | 10.9 | 32.0 | 62.1 | 93.6 | 99.8 | | | 98.5 | 62.8 | 29.3 | 14.3 | 54.2 |
| 12 | 17.5 | 18.7 | 57.1 | 90.1 | 98.9 | 100.0 | | | 99.8 | 78.2 | 44.5 | 24.9 | 67.8 |
| 13 | 27.5 | 33.3 | 67.7 | 92.1 | 99.8 | | | | | 91.7 | 61.1 | 39.4 | 76.4 |
| 14 | 47.1 | 51.3 | 83.9 | 98.3 | 100.0 | | | | 100.0 | 97.4 | 77.8 | 55.1 | 84.4 |
| 15 | 53.8 | 61.9 | 87.8 | 99.2 | | | | | | 99.3 | 92.9 | 63.5 | 97.4 |
| 16 | 65.7 | 73.1 | 93.7 | 100.0 | | | | | | 99.7 | 91.6 | 75.1 | 91.7 |
| 17 | 83.4 | 93.8 | 99.1 | | | | | | | 100.0 | 98.6 | 90.0 | 96.7 |
| 18 | 74.7 | 77.6 | 99.9 | | | | | | | | 99.8 | 98.5 | 99.1 |
| 19 | 98.2 | 99.5 | | | | | | | | | 100.0 | 99.8 | 99.8 |
| 20 | 99.4 | 100.0 | 100.0 | | | | | | | | | 100.0 | 99.9 |
| 21 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
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| 95 | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| MEAN | 34.5 | 36.7 | 44.4 | 52.3 | 59.9 | 76.8 | 70.8 | 69.7 | 64.6 | 52.2 | 43.3 | 37.4 | 52.7 |
| S.D. | 10.3 | 10.0 | 9.7 | 8.3 | 6.4 | 5.1 | 3.1 | 3.5 | 6.1 | 8.7 | 10.1 | 10.6 | 10.2 |
| TOTAL OBS | 667 | 616 | 622 | 659 | 647 | 600 | 647 | 652 | 654 | 701 | 645 | 61 | 751 |

• **•**

ST. JOHN'S, N. AC.

STATION NAME

• 1-14

• 140

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

" 44

| TIME | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1 | | | | | | 4.1 | 9.1 | 1.3 | | | | | 1.7 |
| 2 | | | | | 7.7 | 25.8 | 55.6 | 45.5 | 13.5 | | | | 11.9 |
| 3 | | | | | 26.3 | 75.2 | 93.4 | 96.5 | 51.4 | 4.0 | | | 71.0 |
| 4 | 1.1 | 5.3 | 24.1 | 58.4 | 93.3 | 96.5 | 97.4 | 78.9 | 23.1 | 3.6 | 1.7 | | 47.3 |
| 5 | 2.2 | 3.4 | 17.7 | 45.5 | 83.7 | 96.5 | 100.0 | 100.0 | 92.4 | 47.6 | 11.9 | 4.0 | 50.5 |
| 6 | 7.2 | 11.4 | 34.0 | 66.8 | 96.1 | 99.3 | | | 99.2 | 75.8 | 32.4 | 12.5 | 45.6 |
| 7 | 15.5 | 27.5 | 54.7 | 88.2 | 99.4 | 100.0 | | | 99.3 | 67.6 | 52.2 | 24.3 | 70.3 |
| 8 | 29.7 | 35.1 | 73.0 | 97.1 | 100.0 | | | | 100.0 | 96.7 | 71.6 | 40.3 | 75.8 |
| 9 | 47.8 | 54.1 | 89.0 | 99.5 | | | | | | 99.9 | 98.0 | 58.9 | 80.4 |
| 10 | 67.4 | 77.1 | 95.9 | 100.0 | | | | | | 100.0 | 98.6 | 80.3 | 93.2 |
| 11 | 84.5 | 92.0 | 99.4 | | | | | | | | 99.4 | 92.6 | 97.3 |
| 12 | 93.9 | 98.1 | 99.7 | | | | | | | | 99.8 | 99.1 | 99.2 |
| 13 | 98.2 | 99.7 | 99.9 | | | | | | | | 100.0 | 99.7 | 99.8 |
| 14 | 99.6 | 100.0 | 100.0 | | | | | | | | | 100.0 | 100.0 |
| 15 | 100.0 | | | | | | | | | | | | 100.0 |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| MEAN | 14.2 | 46.5 | 55.4 | 63.4 | 70.4 | 76.6 | 80.0 | 78.8 | 73.9 | 63.5 | 54.7 | 47.6 | 62.9 |
| S.D. | 1.883 | 9.345 | 8.996 | 7.477 | 5.731 | 4.771 | 3.593 | 3.984 | 5.589 | 7.107 | 8.556 | 9.535 | 14.497 |
| TOTAL OBS | 664 | 618 | 682 | 659 | 642 | 600 | 647 | 682 | 658 | 701 | 645 | 651 | 785 |

USAFETAC 0 21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

MAXIMUM TEMPERATURE:

FROM DAILY OBSERVATIONS

| STATION | STATION NAME |
|---------|-------------------|
| 02-1-3 | MCENTIRE ANGEL SC |

51-54

FEARS

FOLF DEGREES FAHRENHEIT

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| 1 | | | | 77* | 97 | * | 96 | 94 | 96* | 93 | | | |
| 2 | | | | | | | | # | 77* | 88* | 81. | 72. | |
| 3 | | 75 | 67 | 97 | | | 97 | 102 | 97 | 96 | 80 | 84 | |
| 4 | | 69. | 63. | 81. | 87. | 94. | 97. | 94. | 95. | 92. | 83. | 82. | 97 |
| 5 | | 74. | 77 | 79 | 98 | 91 | 91 | 91 | 93 | 98 | 93 | 75 | 97 |
| 6 | | 76. | 68. | 81. | 86. | 86. | 93. | 76. | 92 | 92. | 85. | 79. | 96 |
| 7 | | 78 | 73 | 84* | 91 | 93 | 92 | 91 | 90 | 85 | 95 | 76 | 97 |
| 8 | | 72. | 65. | 85. | 92. | 88. | 94. | 96. | 100. | 89. | 87. | 79. | 100 |
| 9 | | 71 | 71 | 79 | 84 | 90 | 85 | 78 | 93 | 87 | 95 | 73 | 98 |
| 10 | | 77. | 73. | 79. | 91. | 94. | 101. | 100. | 99. | 97. | 88. | 79. | 101 |
| 11 | | 71 | 75 | 77 | 88 | 89 | 95 | 95 | 91 | 89 | 87 | 82 | 95 |
| 12 | | 73. | 79. | 79. | 90. | 83. | 93. | 92. | 93. | 83. | 86. | 80. | 93 |
| 13 | | 69 | 71 | 84 | 93 | 91 | 92 | 95 | 93 | 92 | 89 | 83 | 95 |
| 14 | | 75. | 76. | 86. | 88. | 91. | 96. | 92. | 95. | 90. | 82. | 84. | 96 |
| 15 | | 84 | 81 | 82 | 89 | 93 | 92 | 92 | 96 | 94 | 93 | 80 | 95 |
| 16 | | 75. | 81 | 89. | 89. | 89 | 91. | 95. | 93. | 88. | 82. | 72. | 96 |
| 17 | | 75 | 80 | 85 | 88* | 87 | 98 | 104 | 93 | 89 | 88 | 80* | 104 |
| 18 | * | 72. | 71. | 80. | 88* | 92. | 102. | 97 | 96. | 97. | 86. | 80* | 102 |
| 19 | * | 65 | 75 | 81 | 83 | 86 | 92 | 95 | 96 | 91 | 86 | 83* | 96 |
| 20 | * | 65. | 75 | 75. | 91. | 87 | 97. | 105. | 102. | 97. | 86* | 76* | 105 |
| 21 | * | 66 | 73 | 81 | 91 | 95 | 98 | 98 | 93 | 92 | 92* | 79* | 98 |
| 22 | * | 77. | 80. | 88. | 83* | 92. | 93* | 92. | 97. | 90* | 85* | 79* | 97 |
| 23 | * | 64* | 71 | 79 | 82* | 89 | 94* | 102 | 105* | 96* | 88* | 77* | 105 |
| 24 | * | 68* | 77. | 82. | 85* | 89. | | | | | | | |
| MEAN | 73.1 | 73.7 | 81.9 | 87.3 | 91.0 | 94.8 | 95.9 | 95.5 | 91.7 | 85.8 | 78.2 | 73.8 | 96.3 |
| S.D. | 6.37 | 5.194 | 3.663 | 3.002 | 3.406 | 3.189 | 3.999 | 3.901 | 3.610 | 2.598 | 3.437 | 4.729 | 2.454 |
| TOTAL OBS | 660 | 616 | 682 | 659 | 642 | 670 | 647 | 682 | 658 | 701 | 645 | 651 | 7854 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

4 (AT LEAST ONE DAY LESS THAN 24 OBS)

AL CLIMATOLOGY BRANCH
ETAC
WATER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM LAST OBSERVATION

2.03 CENTRE ANGE SC
STATION

61-84

YEARS

HOLE DEGREES FAHRENHEIT

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|
| YEAR | | | | | | | | | | | | | |
| | | | | 76* | 45 | * | 74 | 60 | 51* | 40 | | | |
| | | | | | | | | | 62* | 33* | 31. | 31. | |
| | 17 | 19 | 31 | | | | 54 | 63 | 49 | 34 | 29 | 16 | |
| 4 | 15 | 25 | 23 | 39 | 51 | 64 | 53 | 64 | 54 | 35 | 29 | 21 | 16 |
| 5 | 21 | 23 | 25 | 39 | 55 | 55 | 65 | 58 | 54 | 32 | 29 | 21 | 21 |
| 6 | 5 | 19 | 26 | 34 | 42 | 50 | 52 | 57 | 52 | 39 | 25 | 20 | 2 |
| 67 | 24 | 12 | 25* | 37 | 42 | 54 | 62 | 58 | 37 | 34 | 23 | 20 | 12 |
| 6 | 19 | 16 | 23 | 37 | 45 | 54 | 65 | 57 | 54 | 33 | 24 | 19 | 16 |
| 6 | 13 | 14 | 22 | 38 | 42 | 59 | 66 | 58 | 53 | 35 | 21 | 21 | 13 |
| 7 | 7 | 18 | 25 | 36 | 44 | 58 | 62 | 67 | 47 | 34 | 19 | 21 | 7 |
| 7 | 16 | 17 | 27 | 32 | 39 | 56 | 56 | 68 | 59 | 44 | 27 | 22 | 16 |
| 7 | 15 | 20 | 27 | 31 | 50 | 49 | 59 | 64 | 52 | 34 | 27 | 22 | 15 |
| 7 | 23 | 14 | 32 | 34 | 44 | 57 | 64 | 62 | 60 | 36 | 27 | 20 | 14 |
| 74 | 31 | 22 | 31 | 34 | 50 | 57 | 51 | 65 | 52 | 29 | 25 | 21 | 21 |
| 75 | 26 | 31 | 22 | 35 | 52 | 63 | 64 | 64 | 52 | 37 | 27 | 15 | 15 |
| 76 | 13 | 23 | 31 | 30 | 43 | 52 | 65 | 59 | 49 | 28 | 22 | 15 | 12 |
| 77 | 8 | 19 | 28 | 41* | 71 | 52 | 64 | 63 | 56 | 36 | 27* | 20 | 9 |
| 7 | * 17 | 20 | 28 | 44* | 47 | 61 | 55 | 63 | 55 | 37 | 38* | 24 | * 17 |
| 7 | * 23 | 20 | 33 | 43 | 50 | 56 | 53 | 60 | 59 | 36 | 24* | 22 | * 20 |
| | * 23 | 15 | 13 | 42 | 45 | 57 | 67 | 61 | 56 | 42* | 30* | 24 | 12 |
| | * 15 | 19 | 27 | 45 | 45 | 59 | 67 | 65 | 49 | 36* | 29* | 15 | * 15 |
| | * 12 | 33 | 30 | 34* | 53 | 63* | 69 | 62 | 49* | 39* | 36* | 27 | * 12 |
| | * 22* | 30 | 37 | 30* | 45 | 55* | 63 | 60* | 50* | 41* | 33* | 24 | * 20 |
| | * 22* | 23 | 32 | 44* | 52 | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| 66 | 616 | 682 | 659 | 642 | 600 | 647 | 682 | 658 | 701 | 645 | 65 | 7851 | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

MONTE

[illegible]

FORM
JUL 64

0-265 (OLA)
U.S. GOVERNMENT PRINTING OFFICE: 1963 O - 265-001

USAFETAC

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the situation.

70-34

MONTH

TOTAL

D.B./W.B. Dry Bulb Wet Bulb Dew Point

.....

27 27

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

HOURS L. S. T.

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____ S. T. _____

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

2. 1. 1958

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 04 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

U-20-3 (U L A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 04

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|--------------|-------------------------------------|------------|-----------|-------|----------|------------------------------------|------------|------------|------------|------------|------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ref. Hum. | | | | | | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26 5 (OL A) 81-100 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET
 SECTION 100

MONTH

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|--------------|-------------------------------------|------------|----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | +31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | Σ | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | + 0 F | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-16-2009 BY 60322 UCBAW

MCN⁹H

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|---|-----|---|---|---|----|---|----------|---|------------------------------------|----|--------|----|--------|----|--------|----|--------|----|--------|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | °A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[illegible]

YEARS

KC876
JUL 04 0 26 S (UL A)
ST. LOUIS PUBLIC LIBRARY

JSAFETAL

PSYCHROMETRIC SUMMARY

MCN²H

HOURS 5

[illegible]

USAFETAC FORM 0-265 (OLA) JUL 64 RE-SECURE YOUR EDITIONS OF THIS FORM ARE USELESS

USAFETAC

PSYCHROMETRIC SUMMARY

7. - 24

STATION

STATION NAME

YEARS

MONTH

HOURS 1 5 7

[illegible]

1. THE STATE OF TEXAS, County of EL PASO, do hereby certify that JOSEPH L. GARCIA is the duly qualified and acting Sheriff of said County.

MONTH

[illegible]

107-102, 104-105, 107-108

MONTH

955-11

HOURS 1 5 2

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

U.S. AIR FORCE
 AIRCRAFT SERVICE

PSYCHROMETRIC SUMMARY

STATION NAME: STATION NAME YEARS: 76-84 MONTH: 12

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
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USAFETAC FORM 0-26-5 (OL A) 8-50 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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[illegible]

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[illegible]

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC FORM 0.26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

MONTH

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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

STATION NO. 1010 STATION NAME 10-34 YEARS MONTH

HOURS 5

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------------|---------------------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb - Wet Bulb | Dew Point |
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| STATION | STATION NAME | YEARS | MONTH | HOURS |
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RECEIVED DIRECTOR'S OFFICE JUL 64

WATERLOO, N.Y.

MONTH

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| 52 | 52 |
| 52 | 52 |

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

... ..

72 - 4

4 2 2

MORT

STATION

STATION NAME

YEARS

MORTU

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92-11

HOURS S.

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

75-14

YEARS

MONTH

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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1950-1951

14-14
HOURS 1.5.7.

USAFETAC FORM 0 26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

31-10-1944

MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|----------|----------|-----------|------|
| (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 100 | 7.5 | 4.0 | 1.1 | 1.1 | 1.5 | 1.7 | 2.1 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.2 | 5.5 | 5.7 | 6.0 | 6.2 | 6.5 | 6.7 | 7.0 | 7.2 | 7.5 | 7.7 | 8.0 | 8.2 | 8.5 | 8.7 | 9.0 | 9.2 | 9.5 | 9.7 |
| 90 | 6.5 | 3.0 | 0.5 | 0.5 | 0.8 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.2 | 5.5 | 5.7 | 6.0 | 6.2 | 6.5 | 6.7 | 7.0 | 7.2 | 7.5 | 7.7 | 8.0 | 8.2 | 8.5 | 8.7 |
| 80 | 5.5 | 2.0 | -0.5 | -0.5 | -0.2 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.2 | 5.5 | 5.7 | 6.0 | 6.2 | 6.5 | 6.7 | 7.0 | 7.2 | 7.5 | 7.7 |
| 70 | 4.5 | 1.0 | -1.5 | -1.5 | -1.2 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.2 | 5.5 | 5.7 | 6.0 | 6.2 | 6.5 | 6.7 |
| 60 | 3.5 | 0.0 | -2.5 | -2.5 | -2.2 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.2 | 5.5 | 5.7 |
| 50 | 2.5 | -1.0 | -3.5 | -3.5 | -3.2 | -3.0 | -2.8 | -2.5 | -2.3 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 |
| 40 | 1.5 | -2.0 | -4.5 | -4.5 | -4.2 | -4.0 | -3.8 | -3.5 | -3.3 | -3.0 | -2.8 | -2.5 | -2.3 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 |
| 30 | 0.5 | -3.0 | -5.5 | -5.5 | -5.2 | -5.0 | -4.8 | -4.5 | -4.3 | -4.0 | -3.8 | -3.5 | -3.3 | -3.0 | -2.8 | -2.5 | -2.3 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 |
| 20 | -0.5 | -4.0 | -6.5 | -6.5 | -6.2 | -6.0 | -5.8 | -5.5 | -5.3 | -5.0 | -4.8 | -4.5 | -4.3 | -4.0 | -3.8 | -3.5 | -3.3 | -3.0 | -2.8 | -2.5 | -2.3 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 |
| 10 | -1.5 | -5.0 | -7.5 | -7.5 | -7.2 | -7.0 | -6.8 | -6.5 | -6.3 | -6.0 | -5.8 | -5.5 | -5.3 | -5.0 | -4.8 | -4.5 | -4.3 | -4.0 | -3.8 | -3.5 | -3.3 | -3.0 | -2.8 | -2.5 | -2.3 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 | 0.0 | 0.2 | 0.5 | 0.7 |
| 0 | -2.5 | -6.0 | -8.5 | -8.5 | -8.2 | -8.0 | -7.8 | -7.5 | -7.3 | -7.0 | -6.8 | -6.5 | -6.3 | -6.0 | -5.8 | -5.5 | -5.3 | -5.0 | -4.8 | -4.5 | -4.3 | -4.0 | -3.8 | -3.5 | -3.3 | -3.0 | -2.8 | -2.5 | -2.3 | -2.0 | -1.8 | -1.5 | -1.3 | -1.0 | -0.8 | -0.5 | -0.3 |

207725 9.2

75-24

STATION

STATION NAME

YEARS

MONTH

1-17-2
HOURS L. S. T.

100 - 21

PSYCHROMETRIC SUMMARY

STATION NAME

75-44

YEARS

MONTE

1-1-7
HOURS 1 5 7

[illegible]

USAFETAC FORM 3-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

STATION NAME _____ YEARS _____ MONTH _____

PSYCHROMETRIC SUMMAR

USAFETAC 0.26.5 (OL A) FORM JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

50-11271-45

7-54

MONTH

[illegible][illegible]

PSYCHROMETRIC SUMMARY

MONTH

MOORE, J. W., and J. W. MOORE. 1979. The

[illegible]

12. 11. 36.

MONTH

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|---------|--------------|-------|-------|-------|
| | | | | |

[illegible]

USAFETAC
FORM
JUL 84
0-265 (OL A)
SEE THE PREVIOUS EDITIONS OF THIS FORM AND CHANGE IT

PSYCHROMETRIC SUMMARY

MO4TW

NOJRS . . S . Y

[illegible]

PSYCHROMETRIC SUMMARY

MON 'N

HOURS 5

[illegible]

1994, p. 105. *Journal of the Philosophy of Education Society of Great Britain*, 23, 1, 105–111.

0265 (U) A

04 000000

USAFETAC

0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

0.26.5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS POEM ARE AVAILABLE

FROM
MUN. AS

JSAFETAC

1. 2

SECRET

STATION

STATION NAME

75 - 34

YEARS

MONTH

12-11
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

71-24

YEARS

MONTH

HOURLY DATA

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | |
|------------------|-------------------------------------|-----|-----|-----|------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σ X ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σ X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \bar{X} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| σ^2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. Obs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | | YEARS | | MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|-----|-------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| <div style="text-align: right;"> 1900-1900
 HOURS (L. S. T.) </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temp.
(F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | |

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS L. S. T.

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 02-07-2001 BY SP-5/IC/BAW

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|
| | | | | | | $\pm 0^\circ \text{F}$ | $\pm 32^\circ \text{F}$ | $\pm 67^\circ \text{F}$ | $\pm 73^\circ \text{F}$ | $\pm 80^\circ \text{F}$ | $\pm 93^\circ \text{F}$ | |
| Rel. Hum. | 1,501.2 | 34.92 | 42.13 | 1.585 | 331 | | | | | | | |
| Dry Bulb | 44,746.73 | 5,563 | 72.6 | 3.918 | 331 | | | 67.1 | 45.5 | 24.5 | | 97 |
| Wet Bulb | 2,710.89 | 4,849 | 58.4 | 7.772 | 331 | | | 11.7 | .4 | | | 12 |
| Dew Point | 1,353.74 | 37.15 | 45.61 | 2.276 | 331 | | 13.5 | 1.7 | | | | 32 |

SECRET
REF ID: A66040

STATION _____ STATION NAME _____ 75-64 _____ YEARS _____ MONTH _____
HOURS _____

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

0 1 2

12-1-1961
HOURS 1. 5. T.

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JAN 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. THE CHAIRMAN OF THE BOARD OF DIRECTORS
2. THE BOARD OF DIRECTORS
3. THE BOARD OF SUPERVISORS
4. THE BOARD OF CREDITORS

_____ A _____
HOURS (L.S.).

[illegible]

1. DATE 11/11/73

2. TO SAC, NEW YORK

3. FROM SAC, NEW YORK

4. SUBJECT RE: [REDACTED]

5. RE [REDACTED]

6. REFERENCE [REDACTED]

7. ACTION [REDACTED]

8. ADMINISTRATIVE [REDACTED]

9. OTHER [REDACTED]

10. REMARKS [REDACTED]

11. INITIALS [REDACTED]

12. SIGNATURE [REDACTED]

13. DATE [REDACTED]

14. OFFICE [REDACTED]

15. TELEPHONE [REDACTED]

16. TELETYPE [REDACTED]

17. MAIL ROOM [REDACTED]

18. RECEIVED [REDACTED]

19. FILED [REDACTED]

20. INDEXED [REDACTED]

21. SEARCHED [REDACTED]

22. SERIALIZED [REDACTED]

23. FILED [REDACTED]

24. REMARKS [REDACTED]

25. INITIALS [REDACTED]

26. SIGNATURE [REDACTED]

27. DATE [REDACTED]

28. OFFICE [REDACTED]

29. TELEPHONE [REDACTED]

30. TELETYPE [REDACTED]

31. MAIL ROOM [REDACTED]

32. RECEIVED [REDACTED]

33. FILED [REDACTED]

34. INDEXED [REDACTED]

35. SEARCHED [REDACTED]

36. SERIALIZED [REDACTED]

37. FILED [REDACTED]

38. REMARKS [REDACTED]

39. INITIALS [REDACTED]

40. SIGNATURE [REDACTED]

41. DATE [REDACTED]

42. OFFICE [REDACTED]

43. TELEPHONE [REDACTED]

44. TELETYPE [REDACTED]

45. MAIL ROOM [REDACTED]

46. RECEIVED [REDACTED]

47. FILED [REDACTED]

48. INDEXED [REDACTED]

49. SEARCHED [REDACTED]

50. SERIALIZED [REDACTED]

51. FILED [REDACTED]

52. REMARKS [REDACTED]

53. INITIALS [REDACTED]

54. SIGNATURE [REDACTED]

55. DATE [REDACTED]

56. OFFICE [REDACTED]

57. TELEPHONE [REDACTED]

58. TELETYPE [REDACTED]

59. MAIL ROOM [REDACTED]

60. RECEIVED [REDACTED]

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| | STATION | | STATION NAME | | YEARS | | MONTH |
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USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322

MOUSE 11.5.1.

USAFETAC FORM 0-26.5 (OL A) 88+ SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 64

PSYCHROMETRIC SUMMARY

MONTH

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HOURS 5

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| | | | |
|---------|--------------|-------|-------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | HOURS L S T |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
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USAFETAC
FORM
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | | YEARS | | MONTH | |
|---|--------------|--|-------|--|-------|--|
| <div style="display: flex; justify-content: space-between;"> <div> Temp (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 </div> <div>WET BULB TEMPERATURE DEPRESSION (F)</div> <div> TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point </div> </div> | | | | | | |
| Data rows for temperature depression | | | | | | |
| Summary rows | | | | | | |

USAFETAC FORM 0265 (OLA)
REPLACE PREVIOUS EDITIONS OF THIS FORM AND COMPLETE

USAFETAC FORM 0-26.5 (OLA) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE MAY 64

UŞAFETAC

0-26.5 (OL A)

PO Box

STATION

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YEARS

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12-1-44
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PSYCHROMETRIC SUMMARY

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USAFETAC
FORM
JUL 84
0-26.5 (CL A)
RE-SECURE EDITIONS OF THIS FORM ARE OBSOLETE

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 70.0 | 70.0 | 70.0 | 70.0 |
| 71 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 71.0 | 71.0 | 71.0 | 71.0 |
| 72 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 72.0 | 72.0 | 72.0 | 72.0 |
| 73 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 73.0 | 73.0 | 73.0 | 73.0 |
| 74 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 74.0 | 74.0 | 74.0 | 74.0 |
| 75 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 75.0 | 75.0 | 75.0 | 75.0 |
| 76 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 76.0 | 76.0 | 76.0 | 76.0 |
| 77 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 77.0 | 77.0 | 77.0 | 77.0 |
| 78 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 78.0 | 78.0 | 78.0 | 78.0 |
| 79 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 79.0 | 79.0 | 79.0 | 79.0 |
| 80 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 80.0 | 80.0 | 80.0 | 80.0 |
| 81 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 81.0 | 81.0 | 81.0 | 81.0 |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 213177 | 74261 | 48.41 | 8.863 | 791 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | |
| Dry Bulb | 161757 | 62646 | 79.2 | 7.155 | 791 | | | 86.0 | 76.4 | 47.0 | 1.1 | 53 |
| Wet Bulb | 341495 | 61395 | 65.5 | 5.956 | 791 | | | 47.3 | 8.1 | | | 52 |
| Dew Point | 227442 | 44452 | 56.2 | 9.337 | 791 | | 2.1 | 13.1 | .0 | | | 53 |

PSYCHROMETRIC SUMMARY

MONTH

[illegible]

USAFETAC
FORM
JUN 64
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
JUN 84
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC 0-26-5 (OLA) 10224 218 94

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-16-2007 BY 60322 UCBAW

HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. Dry Bulb | Wet Bulb Dew Point | | | | | | | | | | | | | | | |
| 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 2 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 3 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 4 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 5 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 6 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 7 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 10 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 11 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 12 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 13 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 14 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 15 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | 4.12 | 4.12 |
| 16 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MONTH

[illegible]

0-26.5 (OL A)

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | 1952 | |

191-1-1-1
HOURS 1-5-1

[illegible]

SECRET

MONTH

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-27-2001 BY SP-1000/ML

60-7894-1 - 2

STATION NAME

YEARS

MONTH

100-100000

USAFETA
0205 JUL 84 01:17 PM
0205 JUL 84 01:17 PM

PSYCHROMETRIC SUMMARY

MONTH

HOURS 5 2

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

USAFETAC FORM

THE UNIVERSITY OF CHICAGO

MON

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

PSYCHROMETRIC SUMMARY

MANA

[illegible]

AD-A159 637

MCENTIRE AMOB SOUTH CAROLINA/COLUMBIA LIMITED SURFACE
OBSERVATIONS CLIMAT... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A., DEC 84

41/81

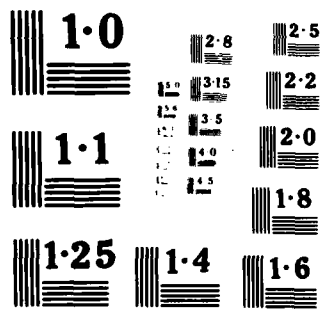
UNCLASSIFIED

USAFETAC/DS-R4/041

F/O 4/2

NI

END
DATE
FWD
11-85
DTIC



USAF/AC FORM 0-26.5 (OL A) JUL 64

[illegible]

1. CLINTON COUNTY, NEW YORK
2. CLINTON COUNTY, NEW YORK
3. CLINTON COUNTY, NEW YORK

74-08

MONTH

ALL
HOURS L.S.T

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM 64 JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

| | | | | |
|---------|--------------|-------|-------|-------|
| STATION | STATION NAME | 74-62 | YEARS | MONTH |
| | | | | ALL |
| | | | | HOURS |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC 0.26 S (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM JUL 64

AL CLIMATE CONTROL
AT 100 S. 100 S. 100 S. 100 S.

MONTH

520-200
HOURS (L, S, T)

[illegible]

24-12
HOURS 1, 5, 7

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

14-22
HOURS 1. 5. 1.

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | .4 | .7 | .1 | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | .1 | .6 | .1 | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | .4 | .8 | .6 | .1 | | | | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | | .1 | .7 | .4 | | | | | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | .1 | .3 | .3 | .1 | | </ | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_n | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2,423 | 441.63 | 54.315 | 5.15 | 914 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | |
| Dry Bulb | 156677 | 75589 | 56.7 | 6.58 | 914 | | | 72.0 | 91.7 | 77.9 | 100.5 | 57 |
| Wet Bulb | 44147.8 | 59892 | 77.6 | 3.155 | 914 | | | 91.7 | 66.4 | 100.5 | | 57 |
| Dew Point | 3691671 | 54677 | 67.2 | 4.931 | 914 | | | 56.0 | 11.7 | | | 57 |

15-1-1-1
HOURS 12.5.7

[illegible]

RECEIVED
JAN 10 1964
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

MONTE

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

MONTH

[illegible]

100-115 1485

PSYCHROMETRIC SUMMARY

MON 7 11

USAFETAC

2000

| Temp
(F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | +3 | TOTAL
D.B. W.B. | TOTAL
Dry Bulb Wet Bulb Dew Point |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|--------------------------------------|
| Rel. Hum. | 44.44 | 45.7 | 47.1 | 48.5 | 49.9 | 51.3 | 52.7 | 54.1 | 55.5 | 56.9 | 58.3 | 59.7 | 61.1 | 62.5 | 63.9 | 65.3 | 66.7 | 68.1 | 69.5 | 70.9 | 72.3 | 73.7 | 75.1 | 76.5 | 77.9 | 79.3 | 80.7 | 82.1 | 83.5 | 84.9 | 86.3 | 87.7 | 89.1 | 90.5 |
| Dry Bulb | 44.44 | 45.7 | 47.1 | 48.5 | 49.9 | 51.3 | 52.7 | 54.1 | 55.5 | 56.9 | 58.3 | 59.7 | 61.1 | 62.5 | 63.9 | 65.3 | 66.7 | 68.1 | 69.5 | 70.9 | 72.3 | 73.7 | 75.1 | 76.5 | 77.9 | 79.3 | 80.7 | 82.1 | 83.5 | 84.9 | 86.3 | 87.7 | 89.1 | 90.5 |
| Wet Bulb | 44.44 | 45.7 | 47.1 | 48.5 | 49.9 | 51.3 | 52.7 | 54.1 | 55.5 | 56.9 | 58.3 | 59.7 | 61.1 | 62.5 | 63.9 | 65.3 | 66.7 | 68.1 | 69.5 | 70.9 | 72.3 | 73.7 | 75.1 | 76.5 | 77.9 | 79.3 | 80.7 | 82.1 | 83.5 | 84.9 | 86.3 | 87.7 | 89.1 | 90.5 |
| Dew Point | 44.44 | 45.7 | 47.1 | 48.5 | 49.9 | 51.3 | 52.7 | 54.1 | 55.5 | 56.9 | 58.3 | 59.7 | 61.1 | 62.5 | 63.9 | 65.3 | 66.7 | 68.1 | 69.5 | 70.9 | 72.3 | 73.7 | 75.1 | 76.5 | 77.9 | 79.3 | 80.7 | 82.1 | 83.5 | 84.9 | 86.3 | 87.7 | 89.1 | 90.5 |

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-21-2001 BY 60322 UCBAW

MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 101 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 102 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 104 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 107 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS 11. 5. 7.

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

11-10-70
HOURS 10, 5, 7

[illegible]

PSYCHROMETRIC SUMMARY

100,000 500,000 1,000,000 1,500,000 2,000,000 2,500,000 3,000,000 3,500,000 4,000,000 4,500,000 5,000,000 5,500,000 6,000,000 6,500,000 7,000,000 7,500,000 8,000,000 8,500,000 9,000,000 9,500,000 10,000,000

74-27

STATION

STATION NAME

YEARS

MONTH

25

21

HOURS 11.5.7.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | 20 | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | 26 | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | 27 | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | 32 | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | | | | | | | | | |
| 101 | | | | | | | | | | | | | | | | | | 34 | | | | | | | | | | | | | | | | | |
| 102 | | | | | | | | | | | | | | | | | | 35 | | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | | | | | |
| 104 | | | | | | | | | | | | | | | | | | 37 | | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | | | | | | | | | | | 39 | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | 4-5 | |

22-11-
HOURS 10.5.1.

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTE

17-14
HOURS S. T.

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS PUBM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW/BAW

HOURS . . . \$. ? .

USAFETAC
FORM
JAN 64
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

10-1-54
HOURS L. S. T

[illegible]

USAFETAC
FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET

MONTH

10086

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MANU

2005

[illegible]

PSYCHROMETRIC SUMMARY

MON⁹H

HOURS . . . S

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--------------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC
FORM
JUL 64
0 26 5 (OL A)
88-SEC PREVIOUS EDITIONS OF THIS A-100 ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

[illegible]

USAFETAC
FORM
JUL 64
0.26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET

04 - 11 - 11
HOURS 11.5.11

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12-14
HOURS 12.5.7.

[illegible]

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

0-26-5 (OL A)

FORM
JUL 64

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10. 11. 21

STATION

STATION NAME

'4-5'

YEARS

MONTH

120-14
HOURS L. S. T.

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2011 BY 60322 UCBAW

MONTH

100-17111
HOURS (L. S. Y.)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2006 BY 60322 UCBAW

150-170
HOURS 15.5

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0.26-5 (OLA) REVISIC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

| STATION | STATION NAME | 74-57 | YEARS | MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-------|-------|-------|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--|--|--|--|--------------------|--------------------------------------|--|
| | | | | HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B.-W.B. | TOTAL
Dry Bulb Wet Bulb Dew Point | |
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13- | 14- | 15- | 16- | 17- | 18- | 19- | 20- | 21- | 22- | 23- | 24- | 25- | 26- | 27- | 28- | 29- | 30- | * 31 | | | | | | | |
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MONTH

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USAFETAC

PSYCHROMETRIC SUMMARY

MONTH

23. ALL
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[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

MONTH

HOURS: 5. 5. 7.

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USAFETAC
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JAN 64
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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DATE 11-19-2001 BY 60322 SPW/DAK

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DATE 08-11-2010 BY 60322

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PSYCHROMETRIC SUMMARY

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THE UNIVERSITY OF CHICAGO
 DIVISION OF THE PHYSICAL SCIENCES
 DEPARTMENT OF CHEMISTRY

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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

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HOURS 5

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USAFETAC

PSYCHROMETRIC SUMMARY

STATION NAME
STATION
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STATION STATION NAME YEARS MONTH

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------------------------------|--------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|------------|------------|------------|------------|------------|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| Temp.
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAL FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 64
BE - SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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USAFETAC
FORM
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0-26-5 (OL A)
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USAFETAC FORM 0-26-5 (OLA) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MONTH

10

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. The first of these is the fact that the
2. second of these is the fact that the
3. third of these is the fact that the
4. fourth of these is the fact that the
5. fifth of these is the fact that the
6. sixth of these is the fact that the
7. seventh of these is the fact that the
8. eighth of these is the fact that the
9. ninth of these is the fact that the
10. tenth of these is the fact that the

MONTH

21. 2

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----|----|----|-------|-------|----|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23 | 24 | 25 | 26-27 | 28-29 | 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 7-4 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 94.4 | 64.0 | 139.4 | 18.1 | | | | | | | | | | | | |
| 7-5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 94.0 | 63.1 | 124.5 | 18.4 | | | | | | | | | | | | |
| 7-6 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 93.7 | 62.2 | 98.8 | 17.6 | | | | | | | | | | | | |
| 7-7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 93.3 | 61.5 | 84.5 | 12.7 | | | | | | | | | | | | |
| 7-8 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 92.2 | 60.7 | 75.9 | 12.4 | | | | | | | | | | | | |
| 7-9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 91.0 | 59.4 | 51.7 | 12.1 | | | | | | | | | | | | |
| 7-10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 17.1 | 17.1 | 40.3 | 10.9 | | | | | | | | | | | | |
| 7-11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 33.2 | 6.9 | | | | | | | | | | | | |
| 7-12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 17.0 | 7.0 | | | | | | | | | | | | |
| 7-13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 6.6 | 6.2 | | | | | | | | | | | | |
| 7-14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 6.4 | 5.7 | | | | | | | | | | | | |
| 7-15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 7.3 | 4.7 | | | | | | | | | | | | |
| 7-16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 7.7 | 4.2 | | | | | | | | | | | | |
| 7-17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 1 | | 7.1 | 2.9 | | | | | | | | | | | | |
| 7-18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 1 | | 1 | 2.4 | | | | | | | | | | | | |
| 7-19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | 1 | 1.7 | | | | | | | | | | | | |
| 7-20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-22 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-23 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-26 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-27 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-28 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-31 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-32 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-33 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-34 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-35 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-36 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-37 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-38 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-39 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-40 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-41 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-42 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-43 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-44 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-45 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-46 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-47 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-48 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-49 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-50 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-51 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-52 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-53 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-54 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-55 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-56 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-57 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-58 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-59 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-60 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-61 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-62 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-63 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-64 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-65 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-66 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-67 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-68 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-69 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-70 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-71 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-72 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-73 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-74 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-75 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-76 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-77 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-78 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-79 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-80 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-81 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-82 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-83 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-84 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-85 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-86 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-87 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-88 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-89 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-90 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-91 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-92 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-93 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-94 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-95 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-96 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-97 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-98 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-99 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-100 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-101 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-102 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-103 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-104 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-105 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-106 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-107 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-108 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.7 | | | | | | | | | | | | |
| 7-109 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.6 | | | | | | | | | | | | |
| 7-110 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.0 | | | | | | | | | | | | |
| 7-111 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 6.3 | | | | | | | | | | | | |
| 7-112 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | 1.1 | | | | | | | | | | | | |
| 7-113 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | | | | | | | | | | | | | | |

CLIMATE CLIMATOLOGY BRANCH
ETAC
STATION DATA SERVICE/ETAC

MEANS AND STANDARD DEVIATIONS

RY-HUBS TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

217 MCENTINE ARMY SC

74-84

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | | |
|-----------|--|--------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-----|--|-----|--|-----|--|-----|--|-----|--|-------|--|
| HRS EST | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANN A | |
| | | MEAN | 75. | 48.3 | 48.8 | 56.6 | 64.5 | 70.5 | 73.6 | 72.2 | 67.4 | 54.3 | 47.4 | 40.5 | 56.6 | | | | | | | | | | | | |
| | | S D | 11.10 | 10.82 | 10.077 | 7.891 | 6.468 | 5.160 | 3.773 | 3.742 | 6.179 | 8.973 | 11.844 | 11.844 | 14.946 | | | | | | | | | | | | |
| | | TOTAL OBS | 50 | 48 | 56 | 56 | 62 | 65 | 65 | 67 | 84 | 81 | 54 | 53 | 83 | | | | | | | | | | | | |
| | | MEAN | 41. | 47.5 | 56.1 | 65.5 | 73.5 | 78.9 | 81.7 | 80.8 | 75.3 | 64.6 | 56.6 | 47.2 | 64.4 | | | | | | | | | | | | |
| | | S D | 7.657 | 7.102 | 9.057 | 8.780 | 6.370 | 5.686 | 5.246 | 5.194 | 6.626 | 7.874 | 9.278 | 9.911 | 15.742 | | | | | | | | | | | | |
| | | TOTAL OBS | 57 | 48 | 93 | 89 | 90 | 90 | 91 | 93 | 89 | 91 | 67 | 83 | 107 | | | | | | | | | | | | |
| | | MEAN | 41.3 | 55. | 62.7 | 71.4 | 78.8 | 83.8 | 86.8 | 86.8 | 80.8 | 71.4 | 63.6 | 54.2 | 70.5 | | | | | | | | | | | | |
| | | S D | 7.993 | 11.698 | 10.628 | 8.874 | 6.912 | 6.194 | 5.928 | 5.769 | 7.178 | 7.947 | 9.236 | 9.741 | 15.315 | | | | | | | | | | | | |
| | | TOTAL OBS | 54 | 24 | 93 | 89 | 90 | 90 | 91 | 91 | 89 | 91 | 66 | 83 | 106 | | | | | | | | | | | | |
| | | MEAN | 41.1 | 57.3 | 65.7 | 72.8 | 79.2 | 84.1 | 86.7 | 85.8 | 80.9 | 72.1 | 63.9 | 55.3 | 71.1 | | | | | | | | | | | | |
| | | S D | 10.032 | 11.551 | 10.533 | 8.918 | 7.155 | 6.749 | 6.588 | 6.339 | 6.967 | 7.634 | 9.224 | 9.519 | 14.857 | | | | | | | | | | | | |
| | | TOTAL OBS | 53 | 77 | 86 | 83 | 79 | 80 | 81 | 82 | 79 | 81 | 82 | 79 | 97 | | | | | | | | | | | | |
| | | MEAN | 44.2 | 51.5 | 59.8 | 67.0 | 73.7 | 78.9 | 81.4 | 80.1 | 74.3 | 62.8 | 55.3 | 48.4 | 65.1 | | | | | | | | | | | | |
| | | S D | 7.913 | 11.311 | 9.763 | 8.591 | 6.871 | 6.191 | 5.922 | 5.536 | 6.233 | 7.837 | 9.512 | 9.503 | 14.954 | | | | | | | | | | | | |
| | | TOTAL OBS | 73 | 67 | 74 | 71 | 73 | 74 | 76 | 77 | 74 | 75 | 72 | 71 | 88 | | | | | | | | | | | | |
| | | MEAN | 40.6 | 46.0 | 54.0 | 60.3 | 67.7 | 73.1 | 78.1 | 74.9 | 70.1 | 58.0 | 51.0 | 44.3 | 58.0 | | | | | | | | | | | | |
| | | S D | 10.383 | 11.963 | 9.453 | 7.965 | 6.987 | 5.143 | 3.993 | 3.741 | 5.496 | 8.156 | 10.255 | 10.097 | 14.641 | | | | | | | | | | | | |
| | | TOTAL OBS | 74 | 62 | 68 | 61 | 44 | 49 | 50 | 50 | 49 | 58 | 68 | 66 | 69 | | | | | | | | | | | | |
| | | MEAN | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | S D | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MEAN | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | S D | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MEAN | 44.1 | 51.3 | 58.4 | 66.4 | 73.4 | 78.6 | 81.4 | 80.4 | 75.1 | 64.4 | 57.1 | 48.9 | 65.2 | | | | | | | | | | | | |
| | | S D | 11.173 | 12.442 | 11.368 | 10.566 | 8.554 | 7.778 | 7.318 | 7.328 | 8.240 | 10.352 | 11.290 | 11.216 | 15.916 | | | | | | | | | | | | |
| | | TOTAL OBS | 45 | 42 | 47 | 45 | 46 | 46 | 47 | 48 | 46 | 47 | 45 | 43 | 55 | | | | | | | | | | | | |
| ALL HOURS | | MEAN | 44.1 | 51.3 | 58.4 | 66.4 | 73.4 | 78.6 | 81.4 | 80.4 | 75.1 | 64.4 | 57.1 | 48.9 | 65.2 | | | | | | | | | | | | |
| | | S D | 11.173 | 12.442 | 11.368 | 10.566 | 8.554 | 7.778 | 7.318 | 7.328 | 8.240 | 10.352 | 11.290 | 11.216 | 15.916 | | | | | | | | | | | | |
| | | TOTAL OBS | 45 | 42 | 47 | 45 | 46 | 46 | 47 | 48 | 46 | 47 | 45 | 43 | 55 | | | | | | | | | | | | |

USAF ETAC

FORM
OCT 75

0-89.5 (OLA)

U.S. CLIMATE DATA CENTER
 740
 1000 EAST 17TH AVENUE

MEANS AND STANDARD DEVIATIONS

ST-BUO TEMPERATURES DECI F FROM HOURLY OBSERVATIONS

| STATION | | 74-84 | | | | | | | | | | | | |
|--------------|------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|
| STATION NAME | | YEARS | | | | | | | | | | | | |
| HRS. EST. | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
| | MEAN | 3.3 | 37.2 | 45.5 | 52.4 | 58.3 | 66.6 | 72.0 | 69.4 | 64.5 | 51.1 | 44.7 | 38.1 | 55.4 |
| | S.D. | 11.24 | 11.1 | 10.2 | 8.3 | 6.9 | 5.2 | 3.277 | 3.398 | 5.767 | 9.25 | 11.26 | 11.979 | 14.877 |
| | TOTAL OBS. | 524 | 486 | 566 | 585 | 827 | 850 | 852 | 377 | 442 | 510 | 543 | 532 | 8304 |
| | MEAN | 37.2 | 41.6 | 49.3 | 55.2 | 64.4 | 69.7 | 73.0 | 72.9 | 68.0 | 55.7 | 51.1 | 42.2 | 57.1 |
| | S.D. | 11.3 | 11.5 | 11.1 | 7.9 | 6.3 | 5.0 | 3.376 | 3.466 | 6.327 | 8.111 | 9.551 | 11.475 | 14.579 |
| | TOTAL OBS. | 887 | 828 | 934 | 889 | 909 | 900 | 912 | 930 | 891 | 912 | 867 | 837 | 10702 |
| | MEAN | 45.5 | 48.3 | 52.7 | 56.0 | 65.5 | 70.6 | 74.0 | 73.9 | 69.3 | 59.1 | 52.9 | 45.9 | 59.2 |
| | S.D. | 9.48 | 10.10 | 9.312 | 7.514 | 6.172 | 4.833 | 3.341 | 3.758 | 5.978 | 7.591 | 9.851 | 10.008 | 13.511 |
| | TOTAL OBS. | 184 | 824 | 734 | 809 | 905 | 900 | 912 | 930 | 890 | 912 | 866 | 836 | 10697 |
| | MEAN | 41.0 | 45.3 | 52.9 | 56.4 | 65.5 | 70.4 | 73.6 | 73.5 | 69.2 | 59.3 | 52.9 | 45.0 | 59.1 |
| | S.D. | 9.795 | 9.547 | 8.815 | 7.072 | 5.856 | 4.647 | 3.155 | 3.515 | 5.534 | 7.221 | 8.911 | 9.635 | 13.032 |
| | TOTAL OBS. | 335 | 772 | 667 | 831 | 721 | 800 | 814 | 824 | 720 | 819 | 820 | 792 | 9755 |
| | MEAN | 38.6 | 43.9 | 51.1 | 56.6 | 64.4 | 69.4 | 72.6 | 72.6 | 67.9 | 56.4 | 49.4 | 43.1 | 57.4 |
| | S.D. | 9.875 | 10.036 | 8.604 | 7.383 | 6.058 | 4.716 | 3.098 | 3.588 | 5.625 | 7.841 | 9.043 | 10.060 | 13.028 |
| | TOTAL OBS. | 728 | 672 | 747 | 717 | 722 | 749 | 761 | 770 | 741 | 763 | 725 | 711 | 8826 |
| | MEAN | 35.6 | 41.9 | 48.7 | 54.3 | 62.5 | 67.7 | 71.0 | 70.9 | 66.2 | 53.7 | 45.7 | 40.4 | 53.3 |
| | S.D. | 10.334 | 10.484 | 9.207 | 7.809 | 6.436 | 4.937 | 2.923 | 3.490 | 5.773 | 8.367 | 10.313 | 10.381 | 14.464 |
| | TOTAL OBS. | 714 | 625 | 684 | 616 | 448 | 493 | 501 | 500 | 490 | 582 | 686 | 669 | 6998 |
| | MEAN | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | |
| | TOTAL OBS. | | | | | | | | | | | | | |
| | MEAN | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | |
| | TOTAL OBS. | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 7.3 | 42.9 | 50.2 | 56.3 | 64.5 | 69.1 | 72.5 | 72.3 | 67.5 | 56.3 | 49.9 | 43.0 | 57.2 |
| | S.D. | 10.114 | 10.634 | 9.573 | 7.925 | 6.514 | 5.176 | 3.522 | 4.033 | 6.290 | 8.571 | 10.137 | 10.721 | 14.158 |
| | TOTAL OBS. | 4575 | 4007 | 4724 | 4547 | 4612 | 4622 | 4754 | 4831 | 4644 | 4798 | 4507 | 4376 | 55272 |

4. PHYSIOLOGY - HANCH
I-4
4. PHYSIOLOGY - SERVICE MAC

MEANS AND STANDARD DEVIATIONS

EXPOSURE TEMPERATURES OF 5.5 FROM HOURLY OBSERVATIONS

| STATION | | STATION NAME | | | | | | | | | | | | YEAR |
|-----------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| HRS. EST. | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| - 1 | MEAN | 28.1 | 32.1 | 41.5 | 45.2 | 56.2 | 64.2 | 68.1 | 67.9 | 62.5 | 48.5 | 41.3 | 33.7 | 52.4 |
| | S.D. | 14.5 | 14.7 | 13.2 | 13.9 | 8.491 | 8.471 | 5.532 | 4.873 | 7.875 | 13.519 | 12.874 | 14.311 | 16.754 |
| | TOTAL OBS | 57 | 465 | 556 | 515 | 627 | 851 | 659 | 577 | 842 | 811 | 543 | 532 | 5604 |
| - 1 | MEAN | 27.2 | 31.1 | 41.5 | 47.7 | 56.1 | 64.5 | 68.7 | 69.0 | 63.7 | 49.5 | 42.8 | 35.1 | 50.6 |
| | S.D. | 14.5 | 14.4 | 13.4 | 12.2 | 9.471 | 7.120 | 4.391 | 4.893 | 8.244 | 11.473 | 13.538 | 14.921 | 17.658 |
| | TOTAL OBS | 487 | 820 | 930 | 849 | 909 | 900 | 912 | 932 | 891 | 912 | 867 | 837 | 10702 |
| 1 - 14 | MEAN | 28.4 | 2.7 | 40.8 | 40.3 | 56.5 | 63.2 | 67.8 | 68.0 | 62.8 | 49.3 | 41.7 | 34.5 | 49.5 |
| | S.D. | 15.4 | 14.9 | 13.6 | 12.4 | 8.802 | 7.348 | 4.819 | 5.193 | 8.111 | 11.512 | 14.348 | 15.545 | 17.873 |
| | TOTAL OBS | 534 | 624 | 931 | 849 | 905 | 900 | 912 | 932 | 891 | 912 | 866 | 808 | 10687 |
| - 1 | MEAN | 28.1 | 32.2 | 40.4 | 45.6 | 56.2 | 62.7 | 67.2 | 67.5 | 62.4 | 48.5 | 41.3 | 34.2 | 48.8 |
| | S.D. | 15.5 | 14.6 | 13.4 | 12.2 | 8.831 | 7.442 | 4.631 | 5.196 | 8.341 | 11.476 | 14.311 | 15.772 | 17.786 |
| | TOTAL OBS | 430 | 772 | 667 | 631 | 791 | 800 | 514 | 824 | 791 | 819 | 820 | 792 | 9755 |
| - 2 | MEAN | 28.1 | 33.6 | 41.8 | 47.1 | 57.8 | 63.9 | 68.2 | 68.9 | 64.1 | 50.8 | 42.9 | 35.5 | 50.7 |
| | S.D. | 14.4 | 14.1 | 12.1 | 11.7 | 9.275 | 7.190 | 4.346 | 4.751 | 7.349 | 10.176 | 12.899 | 14.204 | 17.151 |
| | TOTAL OBS | 773 | 672 | 747 | 717 | 732 | 742 | 761 | 772 | 741 | 763 | 725 | 711 | 8625 |
| 1 - 27 | MEAN | 28.7 | 33.5 | 42.8 | 48.7 | 58.8 | 64.5 | 68.3 | 68.7 | 63.8 | 49.8 | 41.7 | 34.5 | 48.6 |
| | S.D. | 13.7 | 13.5 | 11.8 | 11.4 | 8.495 | 6.366 | 3.719 | 4.248 | 6.817 | 10.053 | 12.602 | 13.502 | 17.131 |
| | TOTAL OBS | 714 | 625 | 694 | 516 | 448 | 493 | 521 | 500 | 491 | 582 | 656 | 669 | 6998 |
| | MEAN | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| | MEAN | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 28.9 | 32.9 | 41.4 | 47.1 | 57.5 | 63.8 | 68.3 | 68.3 | 63.2 | 49.2 | 42.0 | 34.6 | 50.1 |
| | S.D. | 14.74 | 14.31 | 12.95 | 11.65 | 9.349 | 7.063 | 4.415 | 4.889 | 7.825 | 11.349 | 13.519 | 14.796 | 17.478 |
| | TOTAL OBS | 4575 | 427 | 4724 | 4547 | 4612 | 4692 | 4759 | 4831 | 4644 | 4798 | 4577 | 4376 | 55272 |

RELATIVE HUMIDITY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

— MON'N

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION NAME

PERIOD

MCN⁺

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

SECRET

NOV 1960

MONTH

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971). The concentration of chlorophylls was expressed in $\mu\text{g mL}^{-1}$ of the sample.

RELATIVE HUMIDITY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

0-87-5 (OL A)

SECRET

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|-------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1 | 0-5 | | | | | | | | | | | |
| | 6-10 | | | | | | | | | | | |
| | 11-15 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 97.0 | 94.0 | 90.0 | 81.0 | 70.0 | 1 |
| | 16-20 | 100.0 | 100.0 | 100.0 | 98.0 | 97.3 | 95.0 | 90.0 | 85.0 | 75.0 | 65.0 | 1 |
| | 21-24 | 100.0 | 100.0 | 97.0 | 93.0 | 87.0 | 78.0 | 65.0 | 50.0 | 37.0 | 24.0 | 1 |
| | 25-29 | 100.0 | 100.0 | 95.0 | 91.0 | 82.0 | 70.0 | 55.0 | 40.0 | 25.0 | 14.0 | 1 |
| | 30-34 | 100.0 | 100.0 | 99.0 | 94.0 | 82.0 | 61.0 | 41.0 | 21.0 | 8.0 | 4.0 | 1 |
| | 35-39 | 100.0 | 100.0 | 100.0 | 100.0 | 97.0 | 90.0 | 78.0 | 65.0 | 48.0 | 27.0 | 1 |
| | 40-44 | | | | | | | | | | | |
| | 45-49 | | | | | | | | | | | |
| | 50-54 | | | | | | | | | | | |
| | 55-59 | | | | | | | | | | | |
| | 60-64 | | | | | | | | | | | |
| | 65-69 | | | | | | | | | | | |
| | 70-74 | | | | | | | | | | | |
| | 75-79 | | | | | | | | | | | |
| | 80-84 | | | | | | | | | | | |
| | 85-89 | | | | | | | | | | | |
| | 90-94 | | | | | | | | | | | |
| | 95-99 | | | | | | | | | | | |
| | TOTALS | 100.0 | 100.0 | 99.0 | 93.0 | 79.0 | 57.0 | 41.0 | 27.0 | 14.0 | 5.0 | 47 |

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|-------|----------------|--|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| | - | | | | | | | | | | |
| | - | | | | | | | | | | |
| | - | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | -11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1-1- | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1-2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

SECRET

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC FORM 0-87-5 (OL A)
JUL 64

STATION

STATION NAME

PERIOD

MONTH

[illegible]

Symptoms: Irritability, depression, anxiety, insomnia, decreased appetite.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC FORM 0-87-5 (OL A)
JUL 64

THE UNIVERSITY OF CHICAGO

MONTH

14-

USAFETAC FORM 0-87-5 (OL A)
11H A4

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|---------------|----------------|--|------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| | 11 | . | .5 | 1.1 | 75.6 | 7. | 1.7 | 34.9 | 24.7 | .7 | 1. | 4.2 |
| | | 1.7 | 7.5 | 37.7 | 71.4 | 81. | 41.7 | 51.7 | 21. | 1.7 | 12. | 4. |
| | | 1.7 | 5.6 | 32.7 | 73.3 | 81.7 | 47.7 | 37.7 | 12.7 | 1.7 | . | 17.2 |
| | | 1.7 | 7.3 | 37.7 | 61.9 | 58.4 | 41.7 | 31.7 | 12. | 7.7 | 15.7 | 4. |
| | | 1.7 | 19.7 | 53.7 | 72.1 | 61.7 | 52.4 | 31.7 | 21.7 | . | . | 24.1 |
| | | 1.7 | 9.5 | 27.1 | 97.5 | 77.5 | 51.7 | 41.7 | 25.4 | 1.4 | 64. | 4. |
| | | 1.7 | 11.6 | 21.3 | 43.4 | 71.6 | 12.6 | 45.7 | 27.7 | 1. | 27. | 37 |
| | | . | 11.6 | 29.7 | 21.6 | 25. | 41.6 | 32.7 | 43.4 | 4.7 | 1.7 | 4.7 |
| | | 1.7 | 12.7 | 44.7 | 23.7 | 27.4 | 61.1 | 53.7 | 34.6 | 1.7 | 11.7 | 24.7 |
| | | 1.7 | 2.4 | 24. | 12.3 | 22.1 | 51.2 | 41.7 | 42. | 4.7 | 2.7 | 47 |
| | | 1.7 | 10.5 | 21.7 | 72.7 | 11.2 | 31.7 | 41.7 | 24.7 | 1.7 | 51. | 2. |
| | | 1.7 | 22.1 | 91. | 72.3 | 16.7 | 14.7 | 41.7 | 13. | 12.7 | 11. | 42.7 |
| TOTALS | | 11.6 | 9.1 | 22.7 | 31.9 | 32. | 54.7 | 41.7 | 25.6 | 1.7 | 32. | 152.2 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART 5

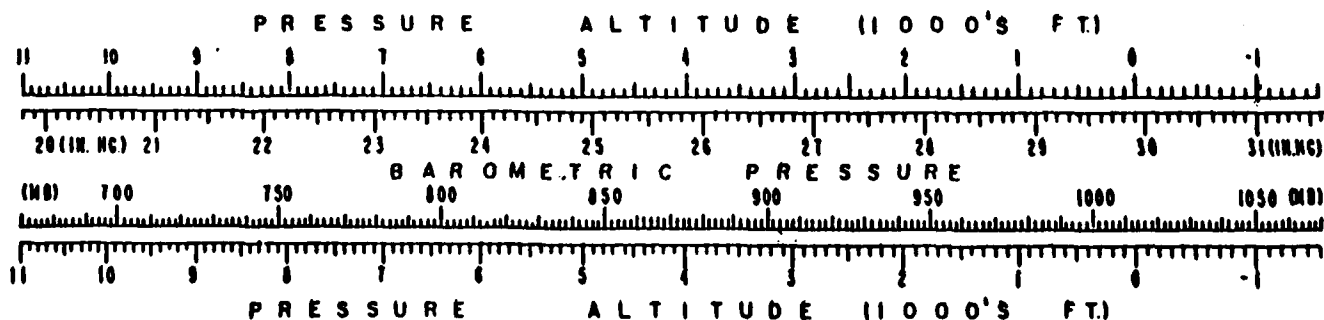
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



1. CLIMATE LOGS - RANCH
2. ETAC
3. WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| HRS | EST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| MEAN | | | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | | | |
| MEAN | | 29.33 | 29.81 | 29.75 | 29.77 | 29.73 | 29.74 | 29.76 | 29.78 | 29.77 | 29.82 | 29.84 | 29.84 | 29.79 | |
| S D | | .21 | .21 | .21 | .19 | .13 | .11 | .09 | .09 | .11 | .16 | .15 | .21 | .16 | |
| TOTAL OBS | | 27 | 204 | 225 | 227 | 302 | 300 | 303 | 310 | 297 | 296 | 223 | 232 | 3137 | |
| MEAN | | 29.36 | 29.48 | 29.77 | 29.77 | 29.74 | 29.75 | 29.79 | 29.81 | 29.79 | 29.85 | 29.87 | 29.86 | 29.81 | |
| S D | | .22 | .21 | .22 | .19 | .13 | .11 | .10 | .09 | .11 | .16 | .15 | .21 | .17 | |
| TOTAL OBS | | 27 | 276 | 310 | 300 | 303 | 300 | 304 | 310 | 297 | 304 | 289 | 279 | 3567 | |
| MEAN | | 29.80 | 29.79 | 29.73 | 29.73 | 29.71 | 29.72 | 29.75 | 29.78 | 29.76 | 29.80 | 29.81 | 29.82 | 29.77 | |
| S D | | .22 | .21 | .22 | .19 | .13 | .11 | .10 | .09 | .11 | .16 | .15 | .21 | .17 | |
| TOTAL OBS | | 27 | 274 | 310 | 299 | 301 | 300 | 304 | 310 | 297 | 304 | 289 | 278 | 3560 | |
| MEAN | | 29.77 | 29.75 | 29.69 | 29.69 | 29.66 | 29.69 | 29.71 | 29.74 | 29.71 | 29.77 | 29.78 | 29.80 | 29.73 | |
| S D | | .21 | .21 | .21 | .19 | .13 | .12 | .10 | .09 | .11 | .16 | .15 | .21 | .17 | |
| TOTAL OBS | | 27 | 274 | 309 | 292 | 245 | 250 | 256 | 258 | 247 | 261 | 289 | 277 | 3252 | |
| MEAN | | 29.81 | 29.77 | 29.70 | 29.70 | 29.67 | 29.69 | 29.72 | 29.75 | 29.72 | 29.79 | 29.80 | 29.81 | 29.74 | |
| S D | | .22 | .21 | .21 | .17 | .13 | .11 | .10 | .09 | .11 | .16 | .15 | .21 | .16 | |
| TOTAL OBS | | 24 | 224 | 249 | 239 | 244 | 249 | 253 | 257 | 247 | 255 | 241 | 237 | 2941 | |
| MEAN | | 29.82 | 29.81 | 29.74 | 29.74 | 29.71 | 29.73 | 29.75 | 29.79 | 29.75 | 29.81 | 29.81 | 29.82 | 29.77 | |
| S D | | .21 | .20 | .20 | .17 | .13 | .11 | .10 | .09 | .11 | .16 | .15 | .21 | .16 | |
| TOTAL OBS | | 22 | 25 | 234 | 220 | 224 | 231 | 234 | 234 | 229 | 254 | 222 | 216 | 2732 | |
| MEAN | | 29.82 | 29.80 | 29.73 | 29.73 | 29.71 | 29.72 | 29.75 | 29.79 | 29.75 | 29.81 | 29.82 | 29.83 | 29.77 | |
| S D | | .21 | .21 | .20 | .18 | .13 | .11 | .10 | .09 | .11 | .16 | .15 | .21 | .17 | |
| TOTAL OBS | | 15 | 6 | 1457 | 1637 | 1577 | 1619 | 1630 | 1654 | 1679 | 1614 | 1674 | 1553 | 1509 | 19189 |

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

STATION AND NO

74-84

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--|--|--|--|--|--|--|--|--|--|--|
| HRS EST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | | 1 19.9 | 1019.5 | 1017.2 | 1017.7 | 1016.2 | 1016.6 | 1017.3 | 1018.3 | 1017.6 | 1019.0 | 1020.3 | 1018.2 | | | | | | | | | | | | |
| S D | | 7.554 | 7.12 | 7.275 | 6.519 | 4.613 | 3.876 | 3.400 | 3.147 | 4.373 | 5.487 | 5.591 | 7.359 | 5.677 | | | | | | | | | | | |
| TOTAL OBS | | 221 | 204 | 225 | 227 | 300 | 300 | 303 | 310 | 297 | 295 | 223 | 222 | 3137 | | | | | | | | | | | |
| MEAN | | 1 21.1 | 1020.4 | 1018.0 | 1017.2 | 1016.6 | 1016.9 | 1017.6 | 1018.9 | 1018.4 | 1020.5 | 1021.1 | 1019.1 | | | | | | | | | | | | |
| S D | | 7.743 | 7.583 | 7.684 | 6.505 | 4.732 | 3.994 | 3.478 | 3.140 | 4.068 | 5.655 | 5.652 | 7.495 | 6.171 | | | | | | | | | | | |
| TOTAL OBS | | 201 | 276 | 311 | 300 | 303 | 300 | 304 | 310 | 297 | 304 | 289 | 279 | 3567 | | | | | | | | | | | |
| MEAN | | 1 17.0 | 1018.1 | 1016.5 | 1016.3 | 1015.4 | 1015.9 | 1016.9 | 1017.8 | 1017.1 | 1018.7 | 1019.2 | 1017.6 | | | | | | | | | | | | |
| S D | | 7.655 | 7.527 | 7.628 | 6.517 | 4.640 | 4.076 | 3.444 | 3.148 | 4.011 | 5.549 | 5.613 | 7.525 | 5.975 | | | | | | | | | | | |
| TOTAL OBS | | 204 | 274 | 311 | 299 | 301 | 300 | 304 | 310 | 297 | 304 | 289 | 278 | 3561 | | | | | | | | | | | |
| MEAN | | 1 13.1 | 1017.1 | 1014.5 | 1014.5 | 1013.9 | 1014.6 | 1015.5 | 1016.4 | 1015.4 | 1017.7 | 1018.2 | 1016.3 | | | | | | | | | | | | |
| S D | | 7.415 | 7.47 | 7.421 | 6.229 | 4.680 | 4.071 | 3.441 | 3.045 | 3.947 | 5.537 | 5.398 | 7.266 | 6.079 | | | | | | | | | | | |
| TOTAL OBS | | 204 | 274 | 319 | 292 | 245 | 250 | 255 | 258 | 247 | 261 | 289 | 277 | 3251 | | | | | | | | | | | |
| MEAN | | 1 19.3 | 1011.0 | 1010.5 | 1010.5 | 1010.4 | 1010.4 | 1010.5 | 1010.6 | 1010.5 | 1010.8 | 1010.8 | 1010.4 | | | | | | | | | | | | |
| S D | | 7.225 | 7.198 | 7.212 | 6.108 | 4.475 | 3.885 | 3.383 | 2.981 | 3.677 | 5.418 | 5.444 | 7.085 | 5.811 | | | | | | | | | | | |
| TOTAL OBS | | 241 | 224 | 242 | 239 | 244 | 249 | 253 | 257 | 247 | 255 | 241 | 237 | 2941 | | | | | | | | | | | |
| MEAN | | 1 15.8 | 1019.4 | 1016.7 | 1016.6 | 1015.4 | 1015.6 | 1016.9 | 1018.0 | 1016.9 | 1019.1 | 1019.3 | 1017.8 | | | | | | | | | | | | |
| S D | | 7.413 | 6.967 | 7.301 | 6.116 | 4.242 | 3.889 | 3.384 | 2.793 | 3.951 | 5.409 | 5.441 | 7.074 | 5.601 | | | | | | | | | | | |
| TOTAL OBS | | 222 | 205 | 234 | 201 | 224 | 231 | 234 | 234 | 229 | 204 | 222 | 216 | 2732 | | | | | | | | | | | |
| MEAN | | 1 19.5 | 1016.8 | 1016.4 | 1016.4 | 1015.4 | 1015.3 | 1016.7 | 1017.7 | 1017.0 | 1019.0 | 1019.5 | 1017.7 | | | | | | | | | | | | |
| S D | | 7.564 | 7.396 | 7.527 | 6.468 | 4.672 | 4.043 | 3.499 | 3.176 | 4.107 | 5.580 | 5.616 | 7.373 | 5.965 | | | | | | | | | | | |
| TOTAL OBS | | 156 | 1457 | 1637 | 1577 | 1619 | 1630 | 1653 | 1679 | 1614 | 1674 | 1553 | 1509 | 21140 | | | | | | | | | | | |
| ALL HOURS | MEAN | 1 19.5 | 1016.8 | 1016.4 | 1016.4 | 1015.4 | 1015.3 | 1016.7 | 1017.7 | 1017.0 | 1019.0 | 1019.5 | 1017.7 | | | | | | | | | | | | |
| | S D | 7.564 | 7.396 | 7.527 | 6.468 | 4.672 | 4.043 | 3.499 | 3.176 | 4.107 | 5.580 | 5.616 | 7.373 | 5.965 | | | | | | | | | | | |
| | TOTAL OBS | 156 | 1457 | 1637 | 1577 | 1619 | 1630 | 1653 | 1679 | 1614 | 1674 | 1553 | 1509 | 21140 | | | | | | | | | | | |

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